Original/Duplicate/Triplicate
CONTRACT CERTIFICATE
(For Other Works)

N[illegible] & Final Bill

Date.....2024

Division. **Project** Sub-Division: **Project**

Bill Received No. Dated Divisional / Sub Divisional Cash Book Voucher No..... Dated.....

Work Code: 007-15-000059 Est.Cost: **700.00** Lakh

Schedule Docket No. Head of Account:P-1732(Road Network arterial road Project division and Major road divison)

Name of Work: **Construction of Swimming pool at Amrutha Nagara Byatarayanapura Ward No:07**

Name of Contractor and Full Address: **Sri.K.Somappa**

Reference to Agreement No.**EE(Project)/YNK Zone/WO/ 12/2018-19** **Date 07-09-2018**

Certified that the measurements were taken by me on 31/08/24 and recorded of Pages 638377 to 638382 of measurement Book No. 06/22-23 and that the work is satisfactorily executed.

Contractor **Officer-in-charge of work**

Certified that the measurement were taken by me on 31/08/24 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Upto date - 63956558-00
Previous - 47759958-00

Sub-Division Officer

II Memorandum of Payment

A.E.E. (Project)

1)	Total value of work done or supplies made as per account within	BA.	16196600-00
2)	Deduct amount to be held in reserve being .....percent Rs.....	RSD.	809900-00
3)	" Balance		
4)	Deduct Payment:		
	a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No..... Amount adjusted		162000-00
	towards cash advance recovery of	Cem	144620-00
	b) Payments Now made: cost store or other material supplied.	Sem	144620-00
	recovery of amount creditable to this/other work	LR	3200-00
	Amount paid on this bill Cheque / Cash.	GST	16200-00
5)	Balance being unpaid value of work done held in reserve.	Deor.	162000-00
6)	Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments.		
7)	Net amount due to or from Contractor unadjustments items.		1442540-00
8)	Advance to Contractor for materials brought to site (as detailed) within.		
9)	Value of Government materials supplied. Total amount adjusted -		14754060-00

Contractor's Signature

Received Rs..... (in words).....

.....

by cash and by adjustment of Payment as per memorandum

(in final settlement of all demands) (For use in the Office)

Witness

1.

2.

Dated **Signature of Contractor**

Stamp

Paid by me by Cheque No.....Dated.....

Cash Rs.....

Dated.....

Head of Account P 1732

Audited & admitted for Rs. 16196600-00

14754060-00

Initials of Officer making payment **Executive Engineer**

and Rs. 1442540-00 by Adjustment

Asst. Clerk Project Division | Asst. Supdt. Project Division B.B.M.P. | Exe. Engineer Project Division B.B.M.P

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK : CONSTRUCTION OF SWIMMING POOL AT AMRUTHA NAGARA, BYATARAYANAPURA WARD NO.07

Agency | Sri.K.Somappa No.139/A,6th Main Mathikere,Bangalore-560054

ABSTRACT

Item No	Description of work	Unit	Modified Schedule B			Previous			Present			Total Upto Date	
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
1	Earth work excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m after breaking of clods complete as per specification Qnty upto 125%	cum	3616.00	305.64	1105194.24	3616.00	305.64	1105194.24	0.00	305.64	0.00	3616.00	1105194.24
	Qnty Above 125%		1228.43	305.64	375458.63	1225.36	305.64	374519.93	3.07	305.64	939.00	1228.43	375458.93
2	Providing sand piles with all leads and lift of 1.5 m for stabilising foundation after duly making 5 cms dia holes to a depth of 1.2 to 1.5 m at 0.5 m c to c and filling with sand and tamping wherever required including cost of materials, labour complete as per specifications(sand and 10% cement)	sqm	0.00	0.00	0.00	0.00	233.38	0.00	0.00	0.00	0.00	0.00	0.00
3	Providing sand cement bed with 5% cement with all cum leads for all materials and lift of 1.5 m machine mixed, laid in layers of 15cms thick and well compacted for foundation, including curing cost of materials labour and HOM complete as per specifications	cum	458.71	3349.08	1536248.11	458.71	3349.08	1536248.11	0.00	0.00	0.00	458.71	1536248.11
4	Filling available excavated earth (excluding rock) insides of foundations upto plinth in layers not exceeding 20cms In depth, compacting each deposited layer by rammmg after watering with a lead upto 50m And lift upto 1.5m including cost of all labour complete as per specifications Qnty upto 125%	cum	336.40	137.16	46140.62	336.40	137.16	46140.62	0.00	0.00	0.00	336.40	46140.62
	Qnty Above 125%		1273.91	137.16	174728.81	1273.91	137.16	174728.81	0.00	0.00	0.00	1273.91	174728.81
5	Transportation of excavated earth by mechanical means including loading and unloading with a lead of 20 kmtr and dispersing the same as directed	cum	3279.68	108.00	354204.90	3279.68	108.00	354204.90	0.00	108.00	0.00	3279.68	354204.90
	Qnty Above 125%		1129.76	110.15	124442.56	1129.76	110.15	124442.56	0.00	110.15	0.00	1129.76	124442.56
6	Providing and filling in foundation with granite / trap broken metal 100mm and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift complete as per specification	cum	359.03	2283.12	819697.16	359.03	2283.12	819697.16	0.00	2283.12	0.00	359.03	819697.16
	Qnty Above 125%		125.82	2283.12	287250.86	125.20	2283.12	285848.45	0.61	2283.12	1402.00 1392.00	125.82	287250.45
7	Providing and laying in position Plain Cement Concrete of mix 1:3:6 with OPC cement @ 220kgs ,with 40mm and down size graded granite metal coarse aggregates @ 0.892 cum and fine aggregates @ 0.465cum machine mixed, concrete laid in layers not exceeding 15 cms thick, well compacted, in foundation including cost of all materials,labour, HOM of machinery ,curing complete as per specifications Qnty upto 125%	cum	307.46	5449.68	1675572.24	307.46	5449.68	1675572.24	0.00	5449.68	0.00	307.46	1675572.24
	Qnty Above 125%		262.85	5449.68	1432459.70	261.67	5449.68	1426022.26	1.18	5449.68	6437.00	262.85	1432459.26
8	Providing and laying cement concrete using 20mm and down size granite coarse aggregates and fine aggregates of ready mixedf concrete for RCC works laid in 15 cms thick layers and well compated including vibratmg, curmg,etc , with all lead and lifts etc complete(exclusive of cost of steel and fabrication charges) Ready Mixed Cement Concrete for Beams, Staircase and Roof with M-25(for Side Walls and Bottom)	CUM	1253.12	7500.00	9398362.50	1251.22	7500.00	9384173.25	1.89	7500.00	14189.00	1253.12	9398362.25

Item No	Description of work	Unit	Modified Schedule B			Previous			Present			Total Upto Date	
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
9	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as Walls at any thickness, incluidng attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specfiications.Qnty upto 125%	Sqm	1020.90	414.72	423387.65	1020.90	414.72	423387.65	0.00	414.72	0.00	1020.90	423387.65
	Qnty Above 125%		63.13	322.74	20375.69	55.00	322.74	17749.90	8.14	322.74	2626.00	63.13	20375.90
10	Providing Ceramic tiles of approved make shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment, including cost of materials, labour, curing, complete as per specifications of **size 30 x 30 cms 6mm thick**	sqm	810.84	1230.08	997402.50	756.06	1230.08	930019.21	54.78	1230.08	67383.00	810.84	997402.21
11	Providing and fixing Stainless steel 304 grade for staircase railings, balconies, ramps with hand rail, 50mm dia 16 guage hollow pipe welded to vertical hollow 50mm dia pipe of 16 guage, stainless steel vertical pipe spaced at 1.20m regular intervals, and 5 Nos of 25mm dia. Stainless steel hollow horizontal pipe are welded to vertical 50mm dia hollow pipe. The entire assembly is fixed to staircase concrete by using expansion bolts by drilling concrete etc., complete including cost of materials, labour, HOM of machineries and electrical charges, etc., complete as per specifications.Qnty upto 125%	sqm	41.25	6638.76	273848.85	0.00	6638.76	0.00	41.25	6638.76	273849.00	41.25	273849.00
	Qnty Above 125%		0.98	6632.08	6470.26				0.98	6632.08	6470.00	0.98	6470.00
12	Providing 20mm thick cement plaster in single coat with cement mortar 1:3, to stone masonry & concrete surface including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as eper spec ifications and Extra for providing and mixing Waterproofing compound in cement plaster work at one kg per bag or in the proportion recomended by the manufacturers, for cement mortar 1:3, 12mm thick cost of materials complete as per specifications.Qnty upto 125%	sqm	989.01	293.76	290532.46	989.01	293.76	290532.46	0.00	293.76	0.00	989.01	290532.46
13	Providing TMT Steel Reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.TMT Bars Fe 500.Qnty upto 125%	tonne	193.98	76329.00	14806277.30	193.98	76329.00	14806277.30	0.00	76329.00	0.00	193.98	14806277.30
	Qnty Above 125%	tonne	2.85	66758.13	190577.57	2.56	66758.13	171216.16	0.29	66758.13	19361.00	2.85	190577.16
14	Providing and laying/fixing cement base, precast, pre polished cement concrete, designer tiles 25mm thick for flooring conforming to IS 1237 heavy duty tiles for flooring, treads of steps and landing, laid on a bed of 12mm thick cement mortar 1:3 mis finished with flush pointing using white cement, including cost of materials, mortar, including cutting, griding the edge to half/full round wherever required, labour, curing cpmplete as per specification.	sqm	342.42	1171.80	401246.58	0.00	1171.80	0.00	342.42	1171.80	401247.00	342.42	401247.00
15	Providing and constructing precast concrete Solid Blocks with compressive strength not less than 35 kg/sqm with cement mortar 1:4 masonry (quion, jamb, closer blocks) with Solid Concrete Blocks of size **40x20x20cms** confirming to I.S 2185/1965 in Superstructure including cost of all materials, labour charges, scaffolding, curing complete as per specifications.	sqm	1327.19	1011.96	1343061.37	1303.44	1011.96	1319025.60	23.75	1011.96	24036.00	1327.19	1343061.60

Item No	Description of work	Unit	Modified Schedule B			Previous			Present			Total Upto Date	
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
16	Providing and constructing granite / trap / basalt Size Stone Masonry in foundation with cement mortar 1:6 stone hammered dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications Qnty upto 125%	cum	95.85	4359.96	417902.17	95.85	4359.96	417902.17	0.00	0.00	0.00	95.85	417902.17
	Qnty Above 125%		81.88	4359.96	357012.49	80.61	4359.96	351450.27	1.28	4359.96	5562.00	81.88	357012.27
17	Providing and removing Centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square / rectangular / polygon in plan including cost of materials, labour complete as per specification and directions of the Engineer in charge	Sqm	435.48	395.28	172136.53	435.48	395.28	172136.53	0.00	395.28	0.00	435.48	172136.53
18	Providing and removing centering, shuttering, strutting, propping etc , and removal of form work for sides and soffits of **beams**, beam haunchings, cantilever girders, bressuemers and lintles exceeding 1 m in depth incluidng cost of all materials, labour complete as per specifications	sqm	264.76	365.04	96647.99	262.20	365.04	95713.49	2.56	365.04	935.00	264.76	96648.49
19	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as roofs landings balconies and likes thickness upto 200 mm including cost of all materials labour complete as per specifications upto 3.50m from Ground level	sqm	110.82	961.02	106496.39	110.82	961.02	106496.39	0.00	961.02	0.00	110.82	106496.39
20	Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners wherver required smooth rendering, : Providing and removing scaffolding, cost of materials, labour, curing complete as per specifications and direction of the Engineer in charge.For **Outside Plastering**	sqm	1800.71	277.56	499803.71	1749.92	277.56	485708.91	50.78	277.56	14095.00	1800.71	499803.91
21	Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners wherver required smooth rendering, : Providing and removing scaffolding, cost of materials, labour, curing complete as per specifications and direction of the Engineer in charge Providing lime rendering for plastering to wall and ceiling including cost of mate3rials labour curing complete as per specifications **Internal wall platering**	sqm	1247.57	306.72	382654.73	1195.10	306.72	366560.18	52.47	306.72	16095.00	1247.57	382655.18
22	Providing and laying Hassan Green **Granite flooring for Staircase,** treads and rises using pre polished 20mm thick water cut green Granite Slab laid over existing cement concrete bed in CM 1:3, average 20mm thick including full rounding for nosing, cutting 3 lline grooves not more than 2mm wide for antiskidding, curing etc., complete.	sqm	0.00	0.00	0.00	0.00	4305.96	0.00	0.00	4305.96	0.00	0.00	0.00
23	Providing Ceramic tiles of approved make shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment, including cost of materials, labour, curing, complete as per specifications of **size 30 x 30 cms 6mm**	sqm	32.61	1270.08	41413.50	22.15	1270.08	28127.19	10.46	1270.08	13286.00	32.61	41413.19
24	Providing ACE paint to external walls of approved colour and shade over prime's coat after brooming & cleaning the surface and applying two coats of ACE paint with cost of all material,labour,lead lift with loading unloading etc complete as per direction of Engineer in charge of work (Approved rates)	sqm	1308.26	160.00	209321.70	188.24	160.00	30118.40	1120.02	160.00	179203.00	1308.26	209321.40
25	Providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers including cost of all materials cost oif labour and scaffolding etc complete as per the specifications	sqm	4607.50	60.48	278661.41	3930.15	60.48	237695.44	677.35	60.48	40966.00	4607.50	278661.44

Item No	Description of work	Unit	Modified Schedule B			Previous			Present			Total Upto Date	
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
26	Providing and applying painting in two coats with plastic **Emulsion paint** of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications and as per the directions of the Engineer in charge.**with primer**	sqm	2880.15	97.20	279950.41	0.00	97.20	0.00	2880.15	97.20	279950.00	2880.15	279950.00
27	Providing 12mm thick cement plaster in single coat with cement mortar 1:3 to ceiling including rounding off corners wherever required smooth rendering, Providing and removing scaffolding, including cost of materials,labour, curing complete as per specifications Extra for providing and mixing waterproofing compound in cement plaster work at one kg per bag or in the proportion recommended by the manufacturers, for cement mortar 1:3 12mm thick cost of materials complete as per specifications Qnty upto 125%	sqm	1723.20	208.44	359183.81	1723.20	208.44	359183.81	0.00	208.44	0.00	1723.20	359183.81
	Qnty Above 125%		57.41	208.44	11967.37	57.41	208.44	11967.37	0.00	208.44	0.00	57.41	11967.37
28	Geophysical investigation of site for sinking Borewell for supplying drinking water to the habitation either through the Hand pump, MWS of P W S S by vertical electrical sounding by adopting Venner or Schlumberger's method, including reconnaissance survey of geological formation, Gerophysical investigation of existing Ground Wate in the vicinity, its qualityf 1 0 meter in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site , engaging techinical personal and labour required etc , as per Specification and direction **(P.30, I. 9.4) PRED.SR 2012-13**	Each	2.00	1900.00	3800.00	2.00	1900.00	3800.00	0.00	1900.00	0.00	2.00	3800.00
29	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc , complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars and cap etc ,) **0 to 50m**	m	100.00	306.00	30600.00	100.00	306.00	30600.00	0.00	306.00	0.00	100.00	30600.00
30	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc , complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars and cap etc ,) **50 to 100m**	m	100.00	400.00	40000.00	100.00	400.00	40000.00	0.00	400.00	0.00	100.00	40000.00
31	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc , complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars and cap etc ,) **100 to 150m**	m	100.00	445.00	44500.00	100.00	445.00	44500.00	0.00	445.00	0.00	100.00	44500.00

Item No	Description of work	Unit	Modified Schedule B			Previous			Present			Total Upto Date	
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
32	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc , complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars and cap etc ,) **150 to 200m**	m	100.00	470.00	47000.00	100.00	470.00	47000.00	0.00	470.00	0.00	100.00	47000.00
33	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc , complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars and cap etc ,) **200 to 250 m**	m	100.00	544.00	54400.00	100.00	544.00	54400.00	0.00	544.00	0.00	100.00	54400.00
34	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc , complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars and cap etc ,) **250 to 300 m**	m	100.00	583.00	58300.00	100.00	583.00	58300.00	0.00	583.00	0.00	100.00	58300.00
35	Supply of ISI mark 175 mm nominal bore medium black ERW casing pipe of 5 mm thick black electric resistance continuous welded mild steel tube material confirming to IS 1387 / 1993 & manufactured from hot rolled steel skelp / stripes in random length of 4 to 7 mts both ends threaded confirming to IS 554 / 1985, one end fixed with a socket and the other and with a plastic protection end (including of all taxes) **as per corragandam**	m	140.00	1325.00	185500.00	140.00	1325.00	185500.00	0.00	1325.00	0.00	140.00	185500.00
36	Providing 250mm dia PVC Pipe 6kg/cm as per specification and direction of the Engineer in Charge of the work	m	65.00	754.47	49040.55	65.00	754.47	49040.55	0.00	754.47	0.00	65.00	49040.55
37	Providing and fixing 175mm Borewell Cap	Nos	2.00	150.00	300.00	2.00	150.00	300.00	0.00	150.00	0.00	2.00	300.00
38	Supply and delivery at site brand New texmo/ innoval/ Lubi/ Sabar / Atalanta/ Calamal/ make suitable for vertical installation in 150mm dia bore well comprising of single stage or multistage CF pump close coupled by meansn of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for opertation of 3PH., 50 Hz, 380/440 volts AC supply fitted with required aqccessories such as suction, casing suction strainers sand guard Non return value etc. complete. The pump and motor shall form an integral unit with all the required fittings 17 50 HP 40 stage	Nos	2.00	44000.00	88000.00	2.00	44000.00	88000.00	0.00	44000.00	0.00	2.00	88000.00

Item No	Description of work	Unit	Modified Schedule B			Previous			Present			Total Upto Date	
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
39	Supplying of ISI marked galvanized mild steel tube (continously welded electric resistance welded (ERW) high frequency, induction welded (HFIW) Hot finished welded type of nominal bore given below screwed at both ends as per IS 554/1986 with latest amendments, pipes threaftes at one end and the other end protected asper specification in random lengths of 4 to 7 mtrs Confirming to IS 1239 part 1/1990 with amendament 1-5 and with all its latest amendements if any The pipes supplied should be with BIS mark No 3/08-09 2406/15.10.2008. **50 mm dia including Collar Heavy Class**	m	700.00	415.00	290500.00	700.00	415.00	290500.00	0.00	415.00	0.00	700.00	290500.00
40	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper conductor confirming to table 3 class 5 of IS:8130-1984 and virgin grade PVC insulation and sheathed suitable for working voltage upto 1100 Volts. P. No. 46/1 No. 30-B 4.0 **Sqm mm of 36 strands 0.3mm dia Group -**	m	1400.00	151.00	211400.00	1400.00	151.00	211400.00	0.00	151.00	0.00	1400.00	211400.00
41	Erection of pumpset including aligning and balancing with all necessary erection materials and labour including supply and erection of one pair supporting clamps, one borewell cap. Cable clips with bolts, nuts, valves guages etc., involoved in the job (Necessary GI pipe and specials with be supplied by the board at the site free of cost)	Nos	2.00	3000.00	6000.00	2.00	3000.00	6000.00	0.00	3000.00	0.00	2.00	6000.00
42	Supplying and fixing 20"x20"x2.5" polished wood board made of not less than 15mm thick plank on both sides with planks made out of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws etc.,	Nos	1.00	285.00	285.00	1.00	285.00	285.00	0.00	285.00	0.00	1.00	285.00
43	Supplying of LTUG cable having aluminium condutor PVC insulated shethed, galvnised steel, wire / steel tap armoured cable with PVC outer sheathing 1.1 KV class P No. 67/1 No. 10(d) **4 core 16 Sqmm KPWD Electrical SR 2007-08**	m	45.00	150.00	6750.00	45.00	150.00	6750.00	0.00	150.00	0.00	45.00	6750.00
44	Labour charges for laying of 1.1 K.V class UG cable	m	45.00	8.00	360.00	45.00	8.00	360.00	0.00	8.00	0.00	45.00	360.00
45	Digging or trenching of 0.6 m x 0.5 m wide refilling the trench to the required ground level and consolidating etc., complete as per Civil SR	Rmtr	45.00	60.00	2700.00	45.00	60.00	2700.00	0.00	60.00	0.00	45.00	2700.00
46	Supplying and fixing of Class A (meaium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class	Rmtr	6.00	240.00	1440.00	6.00	240.00	1440.00	0.00	240.00	0.00	6.00	1440.00
47	Supplying, fixing, wiring, earth electrode for grounding conduits, I C cutouts and other equipments on the meter board using 40 mm dia 2.90 mm thick GI pipe 2.5 m long buried in a pit. The pit should be filled with equal propotion of solt and charocoal 150 mm alround the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size, as per ISI specification 7.3.3 IS 732 using 12 mm dia bolts, nuts, washers and check nuts, etc., the pipe shall have 16 throught holes of 122 mm dia,	Rmtr	4.00	1950.00	7800.00	4.00	1950.00	7800.00	0.00	1950.00	0.00	4.00	7800.00
48	Supplying and fixing of Porcelain fuse channel with cut out on existing wooden / panel using necessary nuts, bolts and washer etc., complete.	Nos	6.00	120.00	720.00	6.00	120.00	720.00	0.00	120.00	0.00	6.00	720.00
49	Providing and fixing in position **50mm** nominal bore gun metal non-return valve horizontal type of approved make including cost of all materials, labour and HOM of equipments with all leads complete as per specifications.	Nos	2.00	1114.00	2228.00	2.00	1114.00	2228.00	0.00	1114.00	0.00	2.00	2228.00

Item No	Description of work	Unit	Modified Schedule B			Previous			Present			Total Upto Date	
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
50	Providing NP/CP waste unions conforming to ISI specifications and fixing them in position as per directions including cost of materials, fixtures and conveyance to work spot etc., complete. P. No. 93/1. No. 13.81.3 **PWD SR 2007-08**	Nos	2.00	201.40	402.80	2.00	201.40	402.80	0.00	201.40	0.00	2.00	402.80
51	Supplying and fixing 50mm dia GI X nipple with ISI mark with all lead and lift loading unloading and labour charges etc coomplete	Nos	2.00	80.00	160.00	2.00	80.00	160.00	0.00	80.00	0.00	2.00	160.00
52	Supplying shunt capaitors conforming to IS 2834, 3phase 400/440 volts grade for power factor improvement of rotating machinery, Capacitor in KVAR rating Nos. 2KVAR capacity with all lead and lift =, loading, unloading and labour charges etc complete as per specifications	Nos	2.00	350.00	700.00	2.00	350.00	700.00	0.00	350.00	0.00	2.00	700.00
53	Supplying and fixing miniature circuit breakers/solaters on existing MCB distribution boards using necessary fixing materiasl wiring complete as requireds 5 to 30 amps triple pole with all lead and lift, loading, unloading and labour charges etc complete as per specifications	Nos	2.00	1000.00	2000.00	2.00	1000.00	2000.00	0.00	1000.00	0.00	2.00	2000.00
54	Supplying and delivery at site brand new star / Essen/ Lotus/Sun-shines/Adarsh/ GK Controls best indigenous make combined energy meter - cum- control panel board unit of size 600x450 x200 mm minimum mechanically strong vermin and water proof. The unit shall have two detachable doors suitable for operation on 3 ph, 50Hz, 380/440 volts, A.C supply with spring loaded latch, locking device with a key ribs should be provided inside the door, canopy apron and louvers ventilators shall be provided the combined energy meter cum- control panel board unit suitable for operation. The panel board shall be fabricated on single unit in the above components for suitable pumpset. **15HP to 30 HP Star Delta Starter**	Nos	2.00	65700.00	131400.00	2.00	65700.00	131400.00	0.00	65700.00	0.00	2.00	131400.00
55	Providing and instalation at site of works **P.V.C.Pipes** including cost of pipes and specials and incluidng lowring into trenches, laying true to line, level and perfect linking at joints, leak proof including jointing encasing the pipe alround to a depth Not less than 15cm with grave or selected earth avalabile from the execavation Etc.,	m	0.00	0.00	0.00	0.00	253.80	0.00	0.00	253.80	0.00	0.00	0.00
56	KSRB 13.6.3-6 Providing and fixing in position brass gate valve with C I wheel of approved quality (screwed end) **50mm** nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications.	Nos	4.00	2781.00	11124.00	4.00	2781.00	11124.00	0.00	2781.00	0.00	4.00	11124.00
57	Providing and laying wooden floor for batmitun court & Gym room using 50x75mm Runners at the intervals of 0.45 both ways using mathi/sal wood with nailing properly fixing to existing roof concrete and above the Runners the planks of teakwood using tung & groove system with necessary chemicals niles polishing to be made for the teakwood planks. **Approved**	Sqm	828.13	12000.00	9937507.00	0.00	12000.00	0.00	828.13	12000.00	9937507.00	828.13	9937507.00

Item No	Description of work	Unit	Modified Schedule B			Previous			Present			Total Upto Date	
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
58	Providing and laying 1.35mm pre painted Galvolume iron Trapezoidal profiled sheet of approved make 1060 mm width (1000 mm cover width), 28-30 mm crest height with crest distance of 200 mm c/c with 2 ribs at the centre for stiffening. The total coated thickness (TCT) of the sheet will be 0.47 mm +/- 0.02 mm tolerance Zinc-Alu Alloy coating AZ150 gsm as per ASTM 1397/A755-550 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 20-22 microns using self drilling/self tapping screws of 25 mm length, to be fixed over the existing purlins, rafters, channels and trusses.. **Approved Rate**	Sqm	1032.75	2916.00	3011499.00	1032.75	2916.00	3011499.00	0.00	2916.00	0.00	1032.75	3011499.00
59	Supply, installtion, testing and commissioning of filters Commercial Bobin wound filter with 160mm fiange connection - 157 cumtr/hr Filtration velocity 50m3/SEC. Speed 245m3/Hour Make: 2000 mm DIA/CERTIKIN / Aqua LIX (U.K) directions of the Engineer-In-charge of the work.Qnty upto 125%	Nos	2.50	535000.00	1337500.00	2.00	535000.00	1070000.00	0.50	535000.00	267500.00	2.50	1337500.00
	Qnty Above 125%		0.50	535000.00	267500.00				0.50	535000.00	267500.00	0.50	267500.00
60	Supply, installtion, testing and commissioning of VALVE BATTERY Frontal Valve Assembly 160 mm connections with Valve support and Brackets Filtration velocity 50m3/SEC. Speed 245m3/Hour Make: 2000 mm DIA/CERTIKIN / Aqua LIX (U.K) directions of the Engineer-In-charge of the work	Set	2.00	215940.00	431880.00	2.00	215940.00	431880.00	0.00	215940.00	0.00	2.00	431880.00
61	Supply, installtion, testing and commissioning of RECIRCULATING PUMPS 10 HP monoblock centrifugal pump 400V 3ph discharge:45 LPS at 13m head suction size:150mm, delivery: 150mm includes 1no standby directions of the Engineer-In-charge of the work	Nos	3.00	74290.00	222870.00	3.00	74290.00	222870.00	0.00	74290.00	0.00	3.00	222870.00
62	Supply, installtion, testing and commissioning of FLOOR INLETS bottom inlet for concrete with S.S. screws made of ABS plastic. Max. flow: 10cum/hr 2 inches threaded fitting directions of the Engineer-In-charge of the work	Nos	50.00	875.00	43750.00	50.00	875.00	43750.00	0.00	875.00	0.00	50.00	43750.00
63	Supply, installtion, testing and commissioning of GUTTER GRATINGS Made in white, U.V. Stabilized PP. Width: 245mm, Height : 35mm directions of the Engineer-In-charge of the work	Nos	60.00	3060.00	183600.00	0.00	3060.00	0.00	60.00	3060.00	183600.00	60.00	183600.00
64	Supply, installtion, testing and commissioning of MAIN DRAIN GRATING COVER, material : SS 304 500mm x 500mmx6mm thick with slot openings of 6mm directions of the Engineer-In-charge of the work	Nos	0.00	0.00	0.00	0.00	21000.00	0.00	0.00	21000.00	0.00	0.00	0.00
65	Supply, installtion, testing and commissioning of STAINLESS STEEL PREFILTER 6 inches opening with threaded collar with sight glass, SS sieve, flow:170cum/hr Material: SS 304 directions of the Engineer-In-charge of the work	Nos	3.00	41500.00	124500.00	3.00	41500.00	124500.00	0.00	41500.00	0.00	3.00	124500.00
66	Supply, installtion, testing and commissioning of SUCTION INLETS ABS plastic, 2 inches external DIA glue type Flow:3.5 cum/hr, with threaded cap directions of the Engineer-In-charge of the work	Nos	50.00	875.00	43750.00	50.00	875.00	43750.00	0.00	875.00	0.00	50.00	43750.00
67	Supply, installtion, testing and commissioning of STAINLESS STEEL LADDERS made of SS 316 with pipe dia 38mm with non skid steps with embossed finish or checkered finish overflow model No of steps = 3 directions of the Engineer-In-charge of the work	Nos	2.00	51750.00	103500.00	0.00	51750.00	0.00	2.00	51750.00	103500.00	2.00	103500.00

Item No	Description of work	Unit	Modified Schedule B			Previous			Present			Total Upto Date	
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
68	No of steps = 4 directions of the Engineer-In-charge of the work	Nos	2.00	55315.00	110630.00	0.00	55315.00	0.00	2.00	55315.00	110630.00	2.00	110630.00
69	No of steps = 5 directions of the Engineer-In-charge of the work	Nos	0.00	0.00	0.00	0.00	66125.00	0.00	0.00	66125.00	0.00	0.00	0.00
70	Supply, installtion, testing and commissioning of MAINTENANCE KIT COMPRISING OF: a) LEAFE RAKE Deep bag net made in polypropylene and polyester netting butterfly nut connection directions of the Engineer-In-charge of the work	Nos	0.00	0.00	0.00	0.00	2000.00	0.00	0.00	2000.00	0.00	0.00	0.00
71	Curved brushes made in polypropylene for pool basins and scum liners directions of the Engineer-In-charge of the work	Nos	0.00	0.00	0.00	0.00	2400.00	0.00	0.00	2400.00	0.00	0.00	0.00
72	Straight brushes made in polypropylene for pool basins and scum liners directions of the Engineer-In-charge of the work	Nos	0.00	0.00	0.00	0.00	2400.00	0.00	0.00	2400.00	0.00	0.00	0.00
73	Reinforced aluminium telescopic handle 2.4/4.8m with clip connection directions of the Engineer-In-charge of the work	Nos	0.00	0.00	0.00	0.00	4400.00	0.00	0.00	4400.00	0.00	0.00	0.00
74	Metallic Anodized Aluminium Vacuum head directions of the Engineer-In-charge of the work	Nos	0.00	0.00	0.00	0.00	19700.00	0.00	0.00	19700.00	0.00	0.00	0.00
75	Extensible handles for cleaning attachments in anodized aluminium which can be adapted to the entire range of cleaning equipment, brushes, leaf skimmers and scoops 10m long directions of the Engineer-In-charge of the work	Nos	0.00	0.00	0.00	0.00	4370.00	0.00	0.00	4370.00	0.00	0.00	0.00
76	Transparent blue plastic vacuum hose 11/2" dia 30mtr slong including hose cuffs for connection to suction inlets directions of the Engineer-In-charge of the work	Nos	0.00	0.00	0.00	0.00	7100.00	0.00	0.00	7100.00	0.00	0.00	0.00
77	Supply, installtion, testing and commissioning of TEST KIT for checking free Chlorine & pHTablet type DPD directions of the Engineer-In-charge of the work	Nos	0.00	0.00	0.00	0.00	1650.00	0.00	0.00	1650.00	0.00	0.00	0.00
78	Supply, installtion, testing and commissioning of POOL CLEANER trolly mounted with 1.5 Hp self priming pump with prefillter, starter and 63mm flexible hose directions of the Engineer-In-charge of the work	Nos	0.00	0.00	0.00	0.00	49000.00	0.00	0.00	49000.00	0.00	0.00	0.00
79	Supply, installtion, testing and commissioning of LANE SEPERATOR ROPES directions of the Engineer-In-charge of the work	Nos	0.00	0.00	0.00	0.00	38500.00	0.00	0.00	38500.00	0.00	0.00	0.00
80	Supply, installtion, testing and commissioning of ANCHOR HOOKS STAINLESS STEEL fixed to end walls for lane ropes directions of the Engineer-In-charge of the work Qnty upto 125%	Nos	15.00	3300.00	49500.00	0.00	3300.00	0.00	15.00	3300.00	49500.00	15.00	49500.00
81	Supply, installtion, testing and commissioning of CONTRL PANNEL WIRING, floor mounted CP, Control of Mtrs, volts meter, 3 Phase indicater System, Change over shutter, ELCB, MCB, Pump, coverage to each indicator relay, cable and conduit with pump engineers specification directions of the Engineer-In-charge of the work	Nos	1.00	100000.00	100000.00	1.00	100000.00	100000.00	0.00	100000.00	0.00	1.00	100000.00

Item No	Description of work	Unit	Modified Schedule B			Previous			Present			Total Upto Date	
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
82	Supply, installtion, testing and commissioning of GAS CHLORINATION SYSTEM vacuum type cylinder mounted gas (DCM) chlorinator capacity 0-500 gms/hr, chlorination system consisting of filter Assembly, Vacuum Regulator, flow meter assembly, control valve assembly, injector assembly including booster pump assembly and piping complete directions of the Engineer-In-charge of the work	Nos	0.00	0.00	0.00	0.00	327750.00	0.00	0.00	327750.00	0.00	0.00	0.00
83	Supply, installtion, testing and commissioning of BUTTERFLY VALVES Wafer type PN 10 STD,replacable EPDM sleeve CI body with SS316 disc a) 10 INCHES directions of the Engineer-In-charge of the work Qnty Upto 125%	Nos	2.50	26220.00	65550.00	2.50	26220.00	65550.00	0.00	26220.00	0.00	2.50	65550.00
	Qnty Above 125%		7.50	26220.00	196650.00	7.50	26220.00	196650.00	0.00	26220.00	0.00	7.50	196650.00
84	Supply, installtion, testing and commissioning of NON RETURN VALVES Material: gun metal Size: 8 inches directions of the Engineer-In-charge of the work Qnty Upto 125%	Nos	3.00	19700.00	59100.00	3.00	19700.00	59100.00	0.00	19700.00	0.00	3.00	59100.00
85	Supply, installtion, testing and commissioning of UPVC PIPES a) 400 MM DIA 6 KG/SQCM directions of the Engineer-In-charge of the work	m	77.00	4900.00	377300.00	77.00	4900.00	377300.00	0.00	4900.00	0.00	77.00	377300.00
86	d) 63 MM DIA 10KG/SQCM directions of the Engineer-In-charge of the work	m	61.00	260.00	15860.00	61.00	260.00	15860.00	0.00	260.00	0.00	61.00	15860.00
87	e) 160 MM DIA 6 KG/SQCM directions of the Engineer-In-charge of the work	m	220.00	2000.00	440000.00	220.00	2000.00	440000.00	0.00	2000.00	0.00	220.00	440000.00
88	Supply, installtion, testing and commissioning of UPVC ELBOW 6 KG/SQCM a) 200 MM directions of the Engineer-In-charge of the work	Nos	10.00	4025.00	40250.00	10.00	4025.00	40250.00	0.00	4025.00	0.00	10.00	40250.00
89	c) 400 MM directions of the Engineer-In-charge of the work	Nos	9.00	26800.00	241200.00	9.00	26800.00	241200.00	0.00	26800.00	0.00	9.00	241200.00
90	e)160 MM directions of the Engineer-In-charge of the work	Nos	28.00	1650.00	46200.00	28.00	1650.00	46200.00	0.00	1650.00	0.00	28.00	46200.00
91	Supply, installtion, testing and commissioning of UPVC TEE 6 KG/SQCM a) 200 MM directions of the Engineer-In-charge of the work	Nos	49.00	2750.00	134750.00	49.00	2750.00	134750.00	0.00	2750.00	0.00	49.00	134750.00
92	c) 400 MM directions of the Engineer-In-charge of the work	Nos	10.00	18055.00	180550.00	10.00	18055.00	180550.00	0.00	18055.00	0.00	10.00	180550.00
93	e)160 MM directions of the Engineer-In-charge of the work	Nos	7.00	1650.00	11550.00	7.00	1650.00	11550.00	0.00	1650.00	0.00	7.00	11550.00
94	Supply, installtion, testing and commissioning of UPVC REDUCER 6 KG/SQCM a) 160/400 directions of the Engineer-In-charge of the work	Nos	7.00	20800.00	145600.00	7.00	20800.00	145600.00	0.00	20800.00	0.00	7.00	145600.00
95	63/160 directions of the Engineer-In-charge of the work	Nos	49.00	1090.00	53410.00	49.00	1090.00	53410.00	0.00	1090.00	0.00	49.00	53410.00
96	Supply, installtion, testing and commissioning of STARTING BLOCKS FIBREGLASS 400 mm height non slip finish 0.5x 0.5m with nos 1 to 9 with anchoring fixtures directions of the Engineer-In-charge of the work	Nos	0.00	0.00	0.00	0.00	26220.00	0.00	0.00	26220.00	0.00	0.00	0.00

Item No	Description of work	Unit	Modified Schedule B			Previous							
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
97	Providing and fixing of white colour vitreous China clay,water closet **European type** (pedestal type, P-trap) with black solid plastic seat and lid, C.P brass hinges, rubber buffers. 10 litre low level,PVC flush cistern (all are approved make) with fitting CI/MS brackets, 40mm diameter flush bend with fittings and clamp, overflow arrangements with special and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specification No. KBS 11 (P.no74,It no.12.5)	Nos	10.00	5540.00	55400.00	0.00	5540.00	0.00	10.00	5540.00	55400.00	10.00	55400.00
98	Providing and fixing of white colour vetreous China clay flat back lipped front **urinal basin** of 430x260x350mm with 5 litres PVC automatic flushing cistern, CI /MS brackets, standard flush pipe and CP brass spreaders with brass unions and GI clamps complete painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specification No. KBS 11(P.no 75,It no.12.7).Qnty upto 125%	Nos	6.00	3204.36	19226.16	0.00	3204.36	0.00	6.00	3204.36	19226.00	6.00	19226.00
99	Providing and fixing of white colour vetreous China clay flat back **wash basin** size 630x450mm with a single 15mm CP brass piller tap with CI / MS brackets, 32 mm CP brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specification No. KBS 11 (P.no78 It.no.12.24)	Nos	10.00	3247.56	32475.60	0.00	3247.56	0.00	10.00	3247.56	32476.00	10.00	32476.00
100	Providing and fixing 600x450mm bevel lead **edge mirror** of superior glass with 6mm hard board backing and fixed to wooden cleats with CP screws, washers, including cost of materials, labour complete as per specifications.(P.no 79,It no.12.39)	Nos	0.00	0.00	0.00	0.00	1351.08	0.00	0.00	1351.08	0.00	0.00	0.00
101	Providing and fixing C.P brass **towel rail** 740mm length, 20 mm dia with C.P brackets, fixed to wooden cleats with C.P brass screws including cost of materials, labour complete as per specification.(P.no 80,It no.12.45)	Nos	0.00	0.00	0.00	0.00	845.64	0.00	0.00	845.64	0.00	0.00	0.00
102	Providing and fixing 15mm dia Bib Cock	Nos	11.00	180.00	1980.00	0.00	180.00	0.00	11.00	180.00	1980.00	11.00	1980.00
103	Providing and fixing Brass Union 15mm nominal bore with PVC Connection pipe 300mm length	Nos	0.00	0.00	0.00	0.00	160.00	0.00	0.00	160.00	0.00	0.00	0.00
104	Providing and fixing in position brass stop cock of approved quality of as per dia nominal bore including cost of all materials,labour and HOM of equipments with all leads complete as per specifications 20mm nominal bore Qnty upto 125%	Nos	37.50	172.80	6480.00	0.00	172.80	0.00	37.50	172.80	6480.00	37.50	6480.00
	Qnty above 125%		3.50	155.31	544.00				3.50	155.31	544.00	3.50	544.00
105	Providing and fixing in position brass bib cock of approved quality of as per dia nominal bore including cost of all materials,labour and HOM of equipments with all leads complete as per specifications 15mm nominal bore	Nos	10.00	249.48	2494.80	0.00	249.48	0.00	10.00	249.48	2495.00	10.00	2495.00
106	Providing & fixing Chormated Poly Venyl(CPVC) pipes confirming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings, this includes jointing of pipes and fittings with one step solvent cement, trenching, refilling and testing of joints complete 25mm nominal pipe Qnty upto 125%	m	187.50	178.20	33412.50	148.50	178.20	26462.70	39.00	178.20	6950.00	187.50	33412.70
	Qnty above 125%		249.00	178.20	44371.80				249.00	178.20	44372.00	249.00	44372.00

Item No	Description of work	Unit	Modified Schedule B											
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
107	Providing & fixing Chorinated Poly Venyl(CPVC) pipes confirming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings, this includes jointing of pipes and fittings with one step solvent cement, trenching, refilling and testing of joints complete (Burried) 50mm nominal OD Pipe	m	10.00	486.00	4860.00	10.00	486.00	4860.00	0.00	486.00	0.00	10.00	4860.00
108	Providing & fixing Chorinated Poly Venyl(CPVC) pipes confirming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings, this includes jointing of pipes and fittings with one step solvent cement, trenching, refilling and testing of joints complete (Burried) 100mm Nominal OD Pipe	m	10.00	2570.40	25704.00	10.00	2570.40	25704.00	0.00	2570.40	0.00	10.00	25704.00
109	Providing and fixing water meter with stop cock, jam nut, socket in G I pipe line including cutting and threading the pipe and making long screws including cost of all materials, labour , HOM of equipments and testing complete as per specificationsKSRB(Pag no 88 Itm 13.22)	Nos	0.00	0.00	0.00	0.00	1423.44	0.00	0.00	1423.44	0.00	0.00	0.00
110	Providing and fixing in position brass ball valve high or low pressure with plastic float of approved quality below nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specification25mm nominal Dia	Nos	0.00	0.00	0.00	0.00	654.48	0.00	0.00	654.48	0.00	0.00	0.00
111	Providing and fixing in position brass Gate valve with CI wheel of approved quality (screwed end) below nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specification 50mm Nominal Dia.Qnty upto 125%	Nos	5.00	2216.16	11080.80	0.00	2216.16	0.00	5.00	2216.16	11081.00	5.00	11081.00
	Qnty above 125%		10.00	1915.49	19154.95				10.00	1915.49	19155.00	10.00	19155.00
112	Providing and fixing in position brass Gate valve with CI wheel of approved quality (screwed end) below nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specification 25mm dia Qnty	Nos	5.00	648.00	3240.00	0.00	648.00	0.00	5.00	648.00	3240.00	5.00	3240.00
	Qnty above 125%		5.00	494.57	2472.85				5.00	494.57	2473.00	5.00	2473.00
113	Providing and fixing in position brass Gate valve with CI wheel of approved quality (screwed end) below nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specification 80mm dia	Nos	0.00	0.00	0.00	0.00	3303.72	0.00	0.00	3303.72	0.00	0.00	0.00
114	Providing and fixing to wall,ceiling and floor high density polyethlne pipes 6.00kgf/sq cm working pressure 75& 110 mm out side diameter with speicial flange ,compression type fitting,wall clips,making good the wall celing and floor , including cost of all materils labour chargs , HOM of quipment and testing complete as per specificatiion 50mm dia Qnty upto 125%	m	125.00	373.58	46698.00	100.00	373.58	37358.00	25.00	373.58	9340.00	125.00	46698.00
	Qnty above 125%		40.30	361.29	14560.00				40.30	361.29	14560.00	40.30	14560.00
115	Providing and fixing to wall,ceiling and floor high density polyethlne pipes 6.00kgf/sq cm working pressure 75& 110 mm out side diameter with speicial flange ,compression type fitting,wall clips,making good the wall celing and floor , including cost of all materils labour chargs , HOM of quipment and testing complete as per specificatiion 90mm dia	m	100.00	616.68	61668.00	100.00	616.68	61668.00	0.00	616.68	0.00	100.00	61668.00

Item No	Description of work	Unit	Modified Schedule B											
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
116	Providing and fixing to wall,ceiling and floor high density polyethlne pipes 6 (6Kgf/ sq cm working pressure 75& 110 mm out side diameter with special flange compression type fitting,wall clips,making good the wall ceiling and floor , including cost of all materils labour charges , HOM of Quipment and testing complete as per specification 140mm dia Qnty upto 125%	m	125.00	774.36	96795.00	125.00	774.36	96795.00	0.00	774.36	0.00	125.00	96795.00
	Qnty above 125%		51.75	774.36	40073.13	46.00	774.36	35620.56	5.75	774.36	4453.00	51.75	40073.56
117	Providing and fixing CI Nahani trap of approved make conforming to ISI specifications and construction of Cistern in M-15 as per directions (Rate is inclusive of cost of materials and fixtures and conveyance of materials to work spot) 10 cmsx 7.5 Qnty upto 125%	Nos	37.50	270.00	10125.00	0.00	270.00	0.00	37.50	270.00	10125.00	37.50	10125.00
	Qnty above 125%		4.50	270.00	1215.00								
118	Providing and fixing 7.5 cms to 15.00 cms dia XP granting 100 mm dia Pag no 85 Itm 12.111 - Qnty upto 125%	Nos	37.50	172.80	6480.00	0.00	172.80	0.00	4.50	270.00	1215.00	4.50	1215.00
	Qnty above 125%		4.50	165.22	744.00				37.50	172.80	6480.00	37.50	6480.00
119	Constructing brick masonry inspection chamber 600x600mm, and 450mm depth, (clear inside dimension) for pipeline with one or two inlets, using table mounted non-modular bricks of class designation 50 in cement mortar 1:5, C I covers with frame (light duty) 600x 600mm internal dimensions, total weight of cover 23kg and weight of frame 15kg) R C C top slab with cement concrete 1:2:4 mix 20mm and downsize granite metal, foundation concrete 1:5:10 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finished smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications Pag no 70 Itm 11.80.1	Nos	7.00	7604.00	53228.00	4.00	7604.00	30416.00	4.50	165.22	744.00	4.50	744.00
120	providing and fixing on wall surface 4 kg/ sq cm HDPE rain down water pipes 110mm outer dia approved make and brand with necessary specials like shoes, bends and offsets fixed with iron clamps, wall plugs, screws, including cost of materials, labour, complete as per specifications P No 47item No 8.19	m	300.00	613.44	184032.00	0.00	613.44	0.00	3.00	7604.00	22812.00	7.00	53228.00
121	Providing & fixing of glazed Openable Window made out of multi chambered uPVC sections with TPV gaskets having isolated drainage and reinforced with Galvanized iron profiles throughout the window The outer frame having a overall size of 60x55 mm with reinforcement of 1 mm thickness, mullion with	Sqm	9.91	7560.00	74889.36	9.91	7560.00	74889.36	0.00	7560.00	0.00	300.00	184032.00
122	**PART A:- SUBSTATION EQUIPMENT** Supply and erection of 11Mtr Spun Pole including earth work etc, complete as per the standard technical specification directions of the Engineer-in-charge of the work	Each	1.00	22957.00	22957.00	1.00	22957.00	22957.00	0.00	22957.00	0.00	9.91	74889.36
123	Supply And Fixing of Single Pole Mounted Transformer Kit for 100/250KVA on 11Mtr Spun Pole etc complete as per the standard technical specification of directions of the Engineer-In-charge of the work	Each	1.00	31800.00	31800.00	1.00	31800.00	31800.00	0.00	31800.00	0.00	1.00	22957.00
124	Supplying and Fixing including all Hardware's etc complete as per the standard technical specification directions of the Engineer-In-charge of the work. 5.8.81 GOS Set 200 Amps Single break	Each	1.00	9840.00	9840.00	1.00	9840.00	9840.00	0.00	9840.00	0.00	1.00	31800.00
125	Supplying and Fixing including all Hardware's etc complete as per the standard technical specification directions of the Engineer-In-charge of the work5.8.11H Frame Set	Each	1.00	4560.00	4560.00	1.00	4560.00	4560.00	0.00	4560.00	0.00	1.00	9840.00

Item No	Description of work	Unit	Modified Schedule B			Previous								
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount	
126	Supply and fixing of cross arm including all Hardware's complete as per the standard technical specification 5.4.3) Horizontal 50x450x6mm -980mm directions of the Engineer-In-charge of the work	Each	2.00	562.00	1124.00	2.00	562.00	1124.00	0.00	562.00	0.00	2.00	1124.00	
127	Supplying and Fixing including all Hardware's etc complete as per the standard technical specification 5.9.4) Disc Insulator 70/90 KN directions of the Engineer-In-charge of the work	Each	6.00	540.00	3240.00	6.00	540.00	3240.00	0.00	540.00	0.00	6.00	3240.00	
128	Supplying and Fixing including all Hardware's etc complete as per the standard technical specification 5.9.3)11 KV Pin Insulator directions of the Engineer-In-charge of the work	Each	6.00	114.00	684.00	6.00	114.00	684.00	0.00	114.00	0.00	6.00	684.00	
129	Supplying and Fixing including all Hardware's etc complete as per the standard technical specification 5.8.8)HT ST Support 50x8 mmdirections of the Engineer-In-charge of the work	Each	2.00	172.00	344.00	2.00	172.00	344.00	0.00	172.00	0.00	2.00	344.00	
130	Supply and fixing of cross arm including all Hardware's complete as per the standard technical specification 5.4.1)4 Pin 45x45x5mm -1110mm directions of the Engineer-In-charge of the work	Each	4.00	461.00	1844.00	4.00	461.00	1844.00	0.00	461.00	0.00	4.00	1844.00	
131	Supplying and Fixing including all Hardware's etc complete as per the standard technical specification 5.8.10)Horn Gap Fuse Unit (H.G.) directions of the Engineer-In-charge of the work	Each	1.00	1320.00	1320.00	1.00	1320.00	1320.00	0.00	1320.00	0.00	1.00	1320.00	
132	Supplying and Fixing including all Hardware's etc complete as per the standard technical specification 5.8.12)Lightning Arrestor 9KV 5kA polymeric type directions of the Engineer-In-charge of the work	Each	1.00	4250.00	4250.00	1.00	4250.00	4250.00	0.00	4250.00	0.00	1.00	4250.00	
133	Supplying erection, testing and commissioning of 11kV Load Break Switch with 4 wire- (with Neutral) Metering cubicle and connected accessories, hardware's etc suitable for outdoor type complete as per latest IS standard technical specification LBS should be approved by BESCOM System 11KV, 3PH, 50HZ, Fault level: 350 MVA. Installation OUTDOOR. a.Onload AIR BREAK switch with fuse trip mechanism ,3P,400A, 12KV,18.4 KA, 350MVA - 1 no b.11KV HRC Fuses with triping striker pin suitable Amps - 3nos c.Aluminium busbar, suitable rating 3 Phase,Air insulated with heat shrinkable sleevs - 1set d.Earth 25X3 mm Tin coated copper busbar - 1set e.Busbar supports resin cast with 33KV die electric and mechanical strength - 1 set directions of the Engineer-In-charge of the work	Each	1.00	319987.00	319987.00	1.00	319987.00	319987.00	0.00	319987.00	0.00	1.00	319987.00	
134	Caution/Danger Board as per Drawing No BESCOM/GM/CP/40/Dt: 24.10.07 directions of the Engineer-In-charge of the work	Nos	0.00	0.00	0.00	0.00	163.00	0.00	0.00	163.00	0.00	0.00	0.00	
135	GI Pipes B - Class GI Pipe - 150 mm Dia Dia 768058 directions of the Engineer-In-charge of the work	m	10.00	1144.00	11440.00	10.00	1144.00	11440.00	0.00	1144.00	0.00	10.00	11440.00	

Item No	Description of work	Unit	Modified Schedule B											
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
136	TRANSFORMER - Supplying, erecting, testing and commissioning of KVA capacity Copper wound Distribution Transformer 11KV/433V with Off Load Tap Switch, Buchholtz relay winding temperature indicator, oil temperature indicator, marshalling box with wiring, magnetic oil level indicator with +5% to-10% Steps of 2 5% with HT and LT cable end boxes including all standard accessories as per latest IS standard technical specification 8 10 2) 100 KVA directions of the Engineer-In-charge of the work	Each	1 00	328700 00	328700 00	1 00	328700 00	328700 00	0 00	328700 00	0 00	1 00	328700 00
137	LT KIOSK - LT Distribution Box for 63/100 KVA Transformer with 1No 160Amps 25kA 4Pole MCCB, suitable capacity aluminum bus bar mounted in 16SWG powder coated M S Box suitable to mount at Transformer Centre directions of the Engineer-In-charge of the work	Set	1 00	18270 00	18270 00	1 00	18270 00	18270 00	0 00	18270 00	0 00	1 00	18270 00
138	B EARTHING SYSTEM Supplying, fixing, wiring, earth electrode for grounding conduits, I C cutouts and other equipment's on the meter board using 40mm dia 2 90mm thick GI pipe 2 5 mtr long buried in a pit The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth The connection from the pipe to the conduit etc , is to be established through GI wire of size as per ISI specification 7 3 3 of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc , the pipe shall have 16 through holes of 122 mm dia directions of the Engineer-In-charge of the work	Each	6 00	2727 00	16362 00	6 00	2727 00	16362 00	0 00	2727 00	0 00	6 00	16362 00
139	Supplying fixing and wiring earth electrode for grounding of lifts, transformers, DG sets etc using 40mm dia 2 9mm thick 2 5 mtr long GI pipe with GI funnel with mesh and suitable size reducer fixed on the top of the earth electrode The funnel should be enclosed in a CC chamber of 400x400x400mm with a cast iron cover The earth electrode shall have staggered holes of 12mm dia and the electrode should be covered 150mm all-round with alternate layers of salt and charcoal from the bottom of the CC chamber The connection from the electrode is to be established through GI strip using GI bolts and nuts directions of the Engineer-In-charge of the work	Each	8 00	4317 00	34536 00	8 00	4317 00	34536 00	0 00	4317 00	0 00	8 00	34536 00
140	Supplying and running of Copper strips for grounding connections, using necessary fixing materials as required 25x3mm Copper strip directions of the Engineer-In-charge of the work	m	17 00	523 00	8891 00	17 00	523 00	8891 00	0 00	523 00	0 00	17 00	8891 00
141	Supplying and running of Copper strips for grounding connections, using necessary fixing materials as required 25x6mm Copper strip directions of the Engineer-In-charge of the work	m	12 00	1018 00	12216 00	12 00	1018 00	12216 00	0 00	1018 00	0 00	12 00	12216 00
142	Supplying and running of Copper strips for grounding connections, using necessary fixing materials as required 600x600x3mm plate directions of the Engineer-In-charge of the work	m	4 00	7148 00	28592 00	4 00	7148 00	28592 00	0 00	7148 00	0 00	4 00	28592 00
143	Supplying and running of GI strips for grounding connections, using necessary fixing materials as required 25x3mm GI strip directions of the Engineer-In-charge of the work	m	105 00	77 00	8085 00	105 00	77 00	8085 00	0 00	77 00	0 00	105 00	8085 00
144	Supplying and running of GI strips for grounding connections, using necessary fixing materials as required 40x6mm GI strip directions of the Engineer-In-charge of the work	m	20 00	166 00	3320 00	20 00	166 00	3320 00	0 00	166 00	0 00	20 00	3320 00

Item No	Description of work	Unit	Modified Schedule B			Previous			Present			Total Upto Date	
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
145	Supplying and running of GI strips for grounding connections, using necessary fixing materials as required. 600x600x3mm GI Plate directions of the Engineer-In-charge of the work	m	4.00	784.00	3136.00	4.00	784.00	3136.00	0.00	784.00	0.00	4.00	3136.00
146	Supplying and running GI/Copper conductor for grounding and (along with other wires in conduit system of wiring) using necessary suitable size clamps, nails, guttas/spacers etc. GI Wire 8 SWG directions of the Engineer-In-charge of the work	m	35.00	19.50	682.50	35.00	19.50	682.50	0.00	19.50	0.00	35.00	682.50
147	PART C -L.T. Panel boards and distribution boards 1.0) Main LT Panel "Fabricating supplying and mounting MS box made out SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc , complete 6.40.1) 14SWG" directions of the Engineer-In-charge of the work	Sqcm	216800.00	0.37	80216.00	216800.00	0.37	80216.00	0.00	0.37	0.00	216800.00	80216.00
	Above 125%		39035.00	0.44	17198.70	39035.00	0.44	17198.70	0.00	0.44	0.00	39035.00	17198.70
148	Supplying and fixing angle iron frame work fabricated out of M.S. angle iron and M.S. flat ... with bolts, washers etc., and painted with 2 coats of red oxide and then two coats of approved paint 6.39.5) 75x150x75x6mm C channel directions of the Engineer-In-charge of the work	m	5.00	791.00	3955.00	5.00	791.00	3955.00	0.00	791.00	0.00	5.00	3955.00
149	Supplying and fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using necessary screws, bolts, nuts and wiring complete. Protection of Overload and Short circuit with thermal Magnetic/Micro processor release and Earth Fault as per IS-13947. (Icu = Ics) FOUR POLE 200Amps 35kA (Incoming) directions of the Engineer-In-charge of the work	nos	1.00	14592.00	14592.00	1.00	14592.00	14592.00	0.00	14592.00	0.00	1.00	14592.00
150	Supplying and fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using necessary screws, bolts, nuts and wiring complete. Protection of Overload and Short circuit with thermal Magnetic/Micro processor release and Earth Fault as per IS-13947. (Icu = Ics) FOUR POLE125-160Amps 25kA (Outgoing) directions of the Engineer-In-charge of the work	nos	3.00	7372.00	22116.00	3.00	7372.00	22116.00	0.00	7372.00	0.00	3.00	22116.00
151	Supplying and fixing of Shunt trip suitable for MCCB.CBCT. directions of the Engineer-In-charge of the work	nos	4.00	1486.00	5944.00	4.00	1486.00	5944.00	0.00	1486.00	0.00	4.00	5944.00
152	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 5-32Amps SP directions of the Engineer-In-charge of the work	nos	3.00	418.00	1254.00	3.00	418.00	1254.00	0.00	418.00	0.00	3.00	1254.00
153	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 6.16. 5-32Amps TPN (Outgoing) directions of the Engineer-In-charge of the work	nos	6.00	1547.00	9282.00	6.00	1547.00	9282.00	0.00	1547.00	0.00	6.00	9282.00

Item No	Description of work	Unit	Modified Schedule B			Previous			Present			Total Upto Date	
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
154	Supplying and fixing of LED type panel board indicating lamp with required colour suitable for 220v A.C 50 Hz 12/24v D.C directions of the Engineer-In-charge of the work	nos	3.00	442.00	1326.00	3.00	442.00	1326.00	0.00	442.00	0.00	3.00	1326.00
155	Supplying, fixing and wiring 0 to 600Volts 96x96mm AC Voltmeter on existing panel/wood board directions of the Engineer-In-charge of the work	Each	1.00	390.00	390.00	1.00	390.00	390.00	0.00	390.00	0.00	1.00	390.00
156	Supplying, fixing and wiring rotary selector switch suitable for Voltmeter. directions of the Engineer-In-charge of the work	Each	1.00	190.00	190.00	1.00	190.00	190.00	0.00	190.00	0.00	1.00	190.00
157	Supplying, fixing and wiring 0 to 1500amps CT operated AC analog type Ammeter without CT directions of the Engineer-In-charge of the work	Each	1.00	415.00	415.00	1.00	415.00	415.00	0.00	415.00	0.00	1.00	415.00
158	Supplying, fixing and wiring rotary selector switch suitable for Ammeter. directions of the Engineer-In-charge of the work	Each	1.00	172.00	172.00	1.00	172.00	172.00	0.00	172.00	0.00	1.00	172.00
159	Supplying of multi function digital meter with three line back light LCD type display for voltage, Current, frequency, Power, power factor, KVA, KWH,KVAR suitable for 3 phase, 4 wire LT network with IP 54 degree of protection and completely wired as required with communication Port and Class 0.5s accuracy. directions of the Engineer-In-charge of the work	Each	1.00	8003.00	8003.00	1.00	8003.00	8003.00	0.00	8003.00	0.00	1.00	8003.00
160	Supplying, fixing and wiring 50/5 to 400/5Amps 5VA burden Current Transformer. Class 0.5 accuracy with Tape Wound. directions of the Engineer-In-charge of the work	Each	3.00	483.00	1449.00	3.00	483.00	1449.00	0.00	483.00	0.00	3.00	1449.00
161	Supplying, fixing and wiring earth leakage relay with core balanced current transformer suitable for single phase 50 Hz AC with latest microcontroller based, digital readout of percentage leakage current, programmable delay/auto/manual reset facility suitable to mount on DIN rail/ flush mounting on panel board. directions of the Engineer-In-charge of the work	Each	1.00	7998.00	7998.00	1.00	7998.00	7998.00	0.00	7998.00	0.00	1.00	7998.00
162	Supplying amps rated 3phase with neutral bus bar using required capacity electrolytic aluminum strips covered with heat shrinkable coloured PVC sleeve, mounted on phenolic/FRP/DMC insulator which are mounted on powder coated 40x6mm M.S flat frame work in existing panel board. The bus bar shall have suitable holes for termination of incoming and outgoing cables as per IS specification with necessary bolts, nuts and washers etc., complete. 6.38.2) 250Amps 4x30x10mm Aluminum Strips directions of the Engineer-In-charge of the work	m	3.00	2942.00	8826.00	3.00	2942.00	8826.00	0.00	2942.00	0.00	3.00	8826.00
163	Supply and fixing of 4pole power contactor with NO/NC contacts on existing wood/panel board using necessary bolts, nuts, washers and wiring etc , complete with AC-3 Rating and as per IS-13947 6.12.1) 25Amps directions of the Engineer-In-charge of the work	Each	4.00	1303.00	5212.00	4.00	1303.00	5212.00	0.00	1303.00	0.00	4.00	5212.00
164	Supplying, fixing and wiring heavy duty low voltage capacitors conforming to IS 2834. 3 phase, 400/440 volts grade, for power factor improvement of rotating machinery. directions of the Engineer-In-charge of the work	Nos	20.00	414.00	8280.00	20.00	414.00	8280.00	0.00	414.00	0.00	20.00	8280.00

Item No	Description of work	Unit	Modified Schedule B			Previous							
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
165	Supplying, fixing and wiring Automatic Power Factor controller fully, static units controlled by 14 stage microprocessor operation, relays LED display, self programming function for power stages and operating logic checking facility for healthy and efficient of each individual capacitor bank, measurement of network harmonics with indication when limit values are exceeded, Comprehensive displays with large, three place LED display, Long term memory for settings, protection for over voltage, power factor correction fault and no voltage, to connect / disconnect banks, with automatic recognition or with standard programs directions of the Engineer-In-charge of the work	Each	1.00	18660.00	18660.00	1.00	18660.00	18660.00	0.00	18660.00	0.00	1.00	18660.00
166	Supplying and fixing angle iron frame work fabricated out of M.S. angle iron and M.S. flat with bolts, washers etc , and painted with 2 coats of red oxide and then two coats of approved paint 6.39.5) 75x150x75x6mm C channel directions of the Engineer	m	5.00	791.00	3955.00	5.00	791.00	3955.00	0.00	791.00	0.00	5.00	3955.00
167	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 5-32Amps SP directions of the Engineer-In-charge of the work	Each	3.00	418.00	1254.00	3.00	418.00	1254.00	0.00	418.00	0.00	3.00	1254.00
168	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 40-63 Amps TPN (Outgoing) directions of the Engineer-In-charge of the work	Each	6.00	1936.00	11616.00	6.00	1936.00	11616.00	0.00	1936.00	0.00	6.00	11616.00
169	Supplying and fixing of LED type panel board indicating lamp with required colour suitable for 220v A.C. 50 Hz 12/24v D.C. directions of the Engineer-In-charge of the work	Each	3.00	442.00	1326.00	3.00	442.00	1326.00	0.00	442.00	0.00	3.00	1326.00
170	Supplying, fixing and wiring 0 to 600Volts 96x96mm AC Voltmeter on existing panel/wood board directions of the Engineer-In-charge of the work	Each	1.00	390.00	390.00	1.00	390.00	390.00	0.00	390.00	0.00	1.00	390.00
171	Supplying, fixing and wiring rotary selector switch suitable for Voltmeter directions of the Engineer-In-charge of the work	Each	1.00	140.00	140.00	1.00	140.00	140.00	0.00	140.00	0.00	1.00	140.00
172	Supplying, fixing and wiring 0 to 1500amps CT operated AC analog type Ammeter without CT directions of the Engineer-In-charge of the work	Each	1.00	415.00	415.00	1.00	415.00	415.00	0.00	415.00	0.00	1.00	415.00
173	Supplying, fixing and wiring rotary selector switch suitable for Ammeter directions of the Engineer-In-charge of the work	Each	1.00	172.00	172.00	1.00	172.00	172.00	0.00	172.00	0.00	1.00	172.00
174	Supplying, fixing and wiring 50/5 to 400/5Amps 5VA burden Current Transformer Class 0.5 accuracy with Tape Wound directions of the Engineer-In-charge of the work	Each	3.00	483.00	1449.00	3.00	483.00	1449.00	0.00	483.00	0.00	3.00	1449.00
175	Supplying of multi function digital meter with three line back light LCD type display for voltage, Current, frequency, Power, power factor, KVA, KWH,KVAR suitable for 3 phase, 4 wire LT network with IP 54 degree of protection and completely wired as required with communication Port and Class 0.5s accuracy directions of the Engineer-In-charge of the work	Each	1.00	8003.00	8003.00	1.00	8003.00	8003.00	0.00	8003.00	0.00	1.00	8003.00

Item No	Description of work	Unit	Modified Schedule B			Previous			Present				
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
176	Supplying fully automatic star-delta starter unit push button type with suitable wires, 3 contactors, one adjustable thermal timer mounted on a common base plate held in steel enclosure for use on 400/440 volts 3 phase and wired after fixing to the existing wooden board for motor 6.2.1) Upto 12.5 HP directions of the Engineer-In-charge of the work	Each	4.00	6583.00	26332.00	4.00	6583.00	26332.00	0.00	6583.00	0.00	4.00	26332.00
177	Supplying amps rated 3phase with neutral bus bar using required capacity electrolytic aluminum strips covered with heat shrinkable coloured PVC sleeve, mounted on phenolic/FRP/DMC insulator which are mounted on powder coated 40x6mm M.S flat frame work in existing panel board The bus bar shall have suitable holes for termination of incoming and outgoing cables as per IS specification with necessary bolts, nuts and washers etc , complete 6.38.2) 250Amps 4x30x10mm Aluminum Strips directions of the Engineer-In-charge of the work	m	5.00	2942.00	14710.00	5.00	2942.00	14710.00	0.00	2942.00	0.00	5.00	14710.00
178	3.0) MCB Distribution Boards Supplying and fixing regular MCB distribution boards on wall / wood board / flush mounting using required clamps, bolts, nuts etc , with provision for fixing suitable type capacity MCB's single phase / 3 phase / single door with powder coated painting. Made out of 14 SWG MS enclosure III - Double Door 6.17.7) 4Way TP &N directions of the Engineer-In-charge of the work	Each	3.00	2399.00	7197.00	3.00	2399.00	7197.00	0.00	2399.00	0.00	3.00	7197.00
179	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 5-32 Amps TPN directions of the Engineer-In-charge of the work	Each	3.00	1547.00	4641.00	3.00	1547.00	4641.00	0.00	1547.00	0.00	3.00	4641.00
180	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 5-32 Amps SP directions of the Engineer-In-charge of the work	Each	36.00	418.00	15048.00	36.00	418.00	15048.00	0.00	418.00	0.00	36.00	15048.00
181	PART D -SUBMAINS CIRCUIT MAINS/POWER WIRING Open Conduit System Supplying heavy gauge PVC conduit pipe dia mm thick confirming to IS 2509 with suitable size bends, junction boxes, adhesive paste etc , and fixing using inverted wood plugs in case of RCC ceiling and RCC wall / stone structure or rawl plugs in case of brick walls and cement plastering the damaged portion using heavy gauge saddles at an interval of 700mm using NF screws 19/20mm dia 2mm thick directions of the Engineer-In-charge of the work	m	466.00	54.00	25164.00	466.00	54.00	25164.00	0.00	54.00	0.00	466.00	25164.00
182	Open Conduit System Supplying heavy gauge PVC conduit pipedia .mm thick confirming to IS 2509 with suitable size bends, junction boxes, adhesive paste etc , and fixing using inverted wood plugs in case of RCC ceiling and RCC wall / stone structure or rawl plugs in case of brick walls and cement plastering the damaged portion using heavy gauge saddles at an interval of 700mm using NF screws. 25mm dia 2mm thick directions of the Engineer-In-charge of the work	m	141.00	70.00	9870.00	141.00	70.00	9870.00	0.00	70.00	0.00	141.00	9870.00

Item No	Description of work	Unit	Modified Schedule B			Previous								
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
183	Open Conduit System Supplying heavy gauge PVC conduit pipe dia mm thick confirming to IS 2509 with suitable size bends, junction boxes, adhesive paste etc , and fixing using inverted wood plugs in case of RCC ceiling and RCC wall stone structure or rawl plugs in case of brick walls and cement plastering the damaged portion using heavy gauge saddles at an interval of 700mm using NF screws 32mm dia 2 5mm thick directions of the Engineer-In-charge of the work	m	81.00	100.00	8100.00	81.00	100.00	8100.00	0.00	100.00	0.00	81.00	8100.00
184	Concealed Conduit System Supplying heavy gauge PVC conduit pipe mm dia mm thick confirming to IS 2509 with suitable size bends, metal/PVC junction boxes, adhesive paste etc , and running before concreting the slab The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fish wire wherever necessary 19/20mm dia 2mm thick directions of the Engineer-In-charge of the work	m	408.00	43.00	17544.00	408.00	43.00	17544.00	0.00	43.00	0.00	408.00	17544.00
185	Concealed Conduit System Supplying heavy gauge PVC conduit pipe mm dia mm thick confirming to IS 2509 with suitable size bends, metal/PVC junction boxes, adhesive paste etc , and running before concreting the slab The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fish wire wherever necessary25mm dia 2mm thick directions of the Engineer-In-charge of the work Qnty upto 125%	m	1469.00	57.00	83733.00	1469.00	57.00	83733.00	0.00	57.00	0.00	1469.00	83733.00
186	Concealed Conduit System Supplying heavy gauge PVC conduit pipe mm dia mm thick confirming to IS 2509 with suitable size bends, metal/PVC junction boxes, adhesive paste etc , and running before concreting the slab The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fish wire wherever necessary32mm dia 2 5mm thick directions of the Engineer-In-charge of the work	m	282.00	90.00	25380.00	282.00	90.00	25380.00	0.00	90.00	0.00	282.00	25380.00
187	Groove cutting - Concealed Conduit System Supplying heavy gauge PVC Conduit Pipe dia mm thick with suitable size bends, metal junction boxes adhesive paste etc , by groove cutting in the wall and fixing by bracing U or J hooks and cement plastering up to the wall surface and run with 18 SWG GI fish wire run throughout the conduit wherever necessary 19/20mm dia 2mm thick directions of the Engineer-In-charge of the work	m	10.00	56.00	560.00	10.00	56.00	560.00	0.00	56.00	0.00	10.00	560.00
188	Groove cutting - Concealed Conduit System Supplying heavy gauge PVC Conduit Pipe dia mm thick with suitable size bends, metal junction boxes adhesive paste etc , by groove cutting in the wall and fixing by bracing U or J hooks and cement plastering up to the wall surface and run with 18 SWG GI fish wire run throughout the conduit wherever necessary 25mm dia 2mm thick directions of the Engineer-In-charge of the work	m	425.00	58.00	24650.00	425.00	58.00	24650.00	0.00	58.00	0.00	425.00	24650.00

Item No	Description of work	Unit	Modified Schedule B			Previous			Present				
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
189	Groove cutting - Concealed Conduit System Supplying heavy gauge PVC Conduit Pipe dia mm thick with suitable size bends, metal junction boxes adhesive paste etc , by groove cutting in the wall and fixing by bracing U or J hooks and cement plastering up to the wall surface and run with 18 SWG GI fish wire run throughout the conduit wherever necessary 32mm dia 2 5mm thick directions of the Engineer-In-	m	227.00	88.00	19976.00	227.00	88.00	19976.00	0.00	88.00	0.00	227.00	19976.00
190	Supplying and wiring adopting loop system in existing PVC Conduit / casing capping using 1100V grade, COPPER conductor flexible multistrand FRLS PVC insulated, 2 X1.5Sq mm Cable confirming to the GTP, with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet / gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block complete for each outlet. GROUP A Short point upto 3Mtr from tapping point to out let via switch directions of the Engineer-In-charge of the work	m	10.00	174.00	1740.00	10.00	174.00	1740.00	0.00	174.00	0.00	10.00	1740.00
191	Supplying and wiring adopting loop system in existing PVC Conduit / casing capping using 1100V grade, COPPER conductor flexible multistrand FRLS PVC insulated, 2 X1.5Sq mm Cable confirming to the GTP, with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet / gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block complete for each outlet. GROUP A Medium point above 3Mtr upto 6Mtr from tapping point to out let via switch directions of the Engineer-In-charge of the work	Point	19.00	245.00	4655.00	19.00	245.00	4655.00	0.00	245.00	0.00	19.00	4655.00
192	Supplying and wiring adopting loop system in existing PVC Conduit / casing capping using 1100V grade, COPPER conductor flexible multistrand FRLS PVC insulated, 2 X1.5Sq mm Cable confirming to the GTP, with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet / gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block complete for each outlet. GROUP A Long point above 6Mtr upto 10Mtr from tapping point to out let via switch directions of the Engineer-In-charge of the work	Point	126.00	363.00	45738.00	126.00	363.00	45738.00	0.00	363.00	0.00	126.00	45738.00
193	Supplying and wiring adopting loop system in existing PVC Conduit / casing capping using 1100V grade, COPPER conductor flexible multistrand FRLS PVC insulated, 2 X1.5Sq mm Cable confirming to the GTP, with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet / gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block complete for each outlet. GROUP A Two outlet in a row, above 3Mtr upto 6Mtr from tapping point to out let via switches directions of the Engineer-In-charge of the work	Point	6.00	482.00	2892.00	6.00	482.00	2892.00	0.00	482.00	0.00	6.00	2892.00
194	Supplying and wiring adopting loop system in existing PVC Conduit / casing capping using 1100V grade, COPPER conductor flexible multistrand FRLS PVC insulated, 2 X1.5Sq mm Cable confirming to the GTP, with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet / gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block complete for each outlet. GROUP A Three outlet in a row, above 6Mts upto 10Mtr from tapping point to out let via switches directions of the Engineer-In-charge of the work	Point	2.00	682.00	1364.00	2.00	682.00	1364.00	0.00	682.00	0.00	2.00	1364.00

Item No	Description of work	Unit	Modified Schedule B			Previous			Present			Total upto date	
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
195	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand Copper with low conductor resistance single core wire in open or concealed system of wiring with specified IS-694:1990 & confirming to GTP of GROUP -A 1.5 sqmm. directions of the Engineer-In-charge of the work	m	800.00	18.50	14800.00	800.00	18.50	14800.00	0.00	18.50	0.00	800.00	14800.00
196	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand Copper with low conductor resistance single core wire in open or concealed system of wiring with specified IS-694:1990 & confirming to GTP of GROUP -A.2.5 sqmm directions of the Engineer-In-charge of	m	2000.00	29.20	58400.00	2000.00	29.20	58400.00	0.00	29.20	0.00	2000.00	58400.00
197	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand Copper with low conductor resistance single core wire in open or concealed system of wiring with specified IS-694:1990 & confirming to GTP of GROUP -A.4 sqmm directions of the Engineer-In-charge of the	m	475.00	42.30	20092.50	475.00	42.30	20092.50	0.00	42.30	0.00	475.00	20092.50
198	Supplying and fixing surface/flush mounting unbreakable PVC modular box suitable for mounting modular switch plates with due groove cutting in Brick/C.C wall, including necessary rawl plugs, Machine/NF screws etc., complete 1-3Way directions of the Engineer-In-charge of the work	Each	0.00	0.00	0.00	0.00	83.00	0.00	0.00	83.00	0.00	0.00	0.00
199	Supplying and fixing surface/flush mounting unbreakable PVC modular box suitable for mounting modular switch plates with due groove cutting in Brick/C.C wall, including necessary rawl plugs, Machine/NF screws etc., complete 4-5Way directions of the Engineer-In-charge of the work	Each	0.00	0.00	0.00	0.00	102.00	0.00	0.00	102.00	0.00	0.00	0.00
200	Supplying and fixing surface/flush mounting unbreakable PVC modular box suitable for mounting modular switch plates with due groove cutting in Brick/C.C wall, including necessary rawl plugs, Machine/NF screws etc., complete 6Way directions of the Engineer-In-charge of the work	Each	0.00	0.00	0.00	0.00	133.00	0.00	0.00	133.00	0.00	0.00	0.00
201	Supplying and fixing surface/flush mounting unbreakable PVC modular box suitable for mounting modular switch plates with due groove cutting in Brick/C.C wall, including necessary rawl plugs, Machine/NF screws etc., complete. 10-12Way directions of the Engineer-In-charge of the work	Each	0.00	0.00	0.00	0.00	152.00	0.00	0.00	152.00	0.00	0.00	0.00
202	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box. 1 to 3 Module directions of the Engineer-In-charge of the work	Each	0.00	0.00	0.00	0.00	109.00	0.00	0.00	109.00	0.00	0.00	0.00
203	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc , complete on the existing metal/PVC box.4 Module directions of the Engineer-In-charge of the work	Each	0.00	0.00	0.00	0.00	122.00	0.00	0.00	122.00	0.00	0.00	0.00
204	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box.6 Module directions of the Engineer-In-charge of the work	Each	0.00	0.00	0.00	0.00	173.00	0.00	0.00	173.00	0.00	0.00	0.00

Item No	Description of work	Unit	Modified Schedule B			Previous			Present				
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
205	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc , complete on the existing metal/PVC box 8 Module directions of the Engineer-In-charge of the work	Each	0.00	0.00	0.00	0.00	200.00	0.00	0.00	200.00	0.00	0.00	0.00
206	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc , complete on the existing metal/PVC box 10 Module directions of the Engineer-In-charge of the work	Each	0.00	0.00	0.00	0.00	227.00	0.00	0.00	227.00	0.00	0.00	0.00
207	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc , complete on the existing metal/PVC box 12 Module directions of the Engineer-In-charge of the work	Each	0.00	0.00	0.00	0.00	267.00	0.00	0.00	267.00	0.00	0.00	0.00
208	Supplying and fixing of modular switch/ Socket/stepped electronic fan regulator/ dimmer/telephone socket etc on existing modular switch plate as per IS 3854 and IS 1293 GROUP A 6Amps 3way socket directions of the Engineer-In-charge of the work	Each	0.00	0.00	0.00	0.00	95.00	0.00	0.00	95.00	0.00	0.00	0.00
209	Supplying and fixing of modular switch/ Socket/stepped electronic fan regulator/ dimmer/telephone socket etc on existing modular switch plate as per IS 3854 and IS 1293 GROUP A 1000-1200Watts Dimmer directions of the Engineer-In-charge of the work	Each	0.00	0.00	0.00	0.00	539.00	0.00	0.00	539.00	0.00	0.00	0.00
210	Supplying and fixing of modular switch/ Socket/stepped electronic fan regulator/ dimmer/telephone socket etc on existing modular switch plate as per IS 3854 and IS 1293 GROUP A 16Amps one way switch directions of the Engineer-In-charge of the work	Each	0.00	0.00	0.00	0.00	114.00	0.00	0.00	114.00	0.00	0.00	0.00
211	Supplying and fixing of modular switch/ Socket/stepped electronic fan regulator/ dimmer/telephone socket etc on existing modular switch plate as per IS 3854 and IS 1293 GROUP A 32Amps DP switch directions of the Engineer-In-charge of the work	Each	0.00	0.00	0.00	0.00	164.00	0.00	0.00	164.00	0.00	0.00	0.00
212	Supplying and fixing of modular switch/ Socket/stepped electronic fan regulator/ dimmer/telephone socket etc on existing modular switch plate as per IS 3854 and IS 1293 GROUP A TV/Telephone socket directions of the Engineer-In-charge of the work	Each	0.00	0.00	0.00	0.00	82.00	0.00	0.00	82.00	0.00	0.00	0.00
213	Supplying and fixing of modular switch/ Socket/stepped electronic fan regulator/ dimmer/telephone socket etc on existing modular switch plate as per IS 3854 and IS 1293 GROUP A 6/16Amps universal socket directions of the Engineer-In-charge of the work	Each	0.00	0.00	0.00	0.00	147.00	0.00	0.00	147.00	0.00	0.00	0.00
214	PART E -Light Fixtures and Fan Supplying box type suitable for 28W T5 single / twin Lamp & suspension mounted luminaire & optical reflector Prewired with HF electronic Ballast, push fit type lamp holders & main connectors Channel cover shall be made of CRCA MS Sheet and finishing is done with stove enameled white with end caps made of engineering plastic 2x4'-28Watts directions of the Engineer-In-charge of the work	Each	0.00	0.00	0.00	0.00	1680.00	0.00	0.00	1680.00	0.00	0.00	0.00

Item No	Description of work	Unit	Modified Schedule B			Previous			Present				
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
215	Supplying box type suitable for 28W T5 single / twin Lamp & suspension mounted luminaire & optical reflector. Prewired with HF electronic Ballast, push fit type lamp holders & main connectors. Channel cover shall be made of CRCA MS Sheet and finishing is done with stove enameled white with end caps made of engineering plastic 1x4'-28Watts directions of the Engineer-In-charge of the work	Each	0.00	0.00	0.00	0.00	990.00	0.00	0.00	990.00	0.00	0.00	0.00
216	Fixing all types and all capacities of fluorescent / false ceiling / spot light / CFL / LED fittings indoor on the wall / ceiling / rafters / girders using 23/0.0076" twin twisted PVC insulated wires, required Nos of round blocks and clamps. Using necessary length of G.I. chain directions of the Engineer-In-charge of the work	Each	0.00	0.00	0.00	0.00	210.00	0.00	0.00	210.00	0.00	0.00	0.00
217	Fixing all types and all capacities of fluorescent / false ceiling / spot light / CFL / LED fittings indoor on the wall / ceiling / rafters / girders using 23/0.0076" twin twisted PVC insulated wires, required Nos of round blocks and clamps. On wall / ceiling / Rafter / Girders directions of the Engineer-In-charge of the work	Each	69.00	98.00	6762.00	69.00	98.00	6762.00	0.00	98.00	0.00	69.00	6762.00
218	Fixing halogen/metal halide / SVL / IL / LED floodlight fitting over existing pole / wall ceiling including clamps, bolts, nuts and wiring using suitable capacity wires. directions of the Engineer-In-charge of the work	Each	0.00	0.00	0.00	0.00	176.00	0.00	0.00	176.00	0.00	0.00	0.00
219	Supplying CFL mirror light fitting with 1x11W CFL lamp, choke, Perspex cover and completely wired for use on 230V 50Hz AC supply directions of the Engineer-In-charge of the work	Each	0.00	0.00	0.00	0.00	648.00	0.00	0.00	648.00	0.00	0.00	0.00
220	Supplying capacitor type ceiling fan complete with down rod blades, shackle, canopies etc , for operation on 230 volts, 50 cycles. Single phase AC supply conforming to ISS-374-1979 and with double ball bearing system. 56" Sweep (1400mm) 9.3.2.1) Regular model directions of the Engineer-In-charge of the work	Each	0.00	0.00	0.00	0.00	2418.00	0.00	0.00	2418.00	0.00	0.00	0.00
221	Fixing a ceiling / wall mounting fan of all capacities and all types, with necessary clamps and 'S' hook made out of 15mm dia MS rod, with 5 amps. ceiling rose of approved quality with necessary length of 23 / 0.0076 inch PVC insulated twin twisted wire of approved quality, mounted on a suitable size wooden board and wired. directions of the Engineer-In-charge of the work	Each	0.00	0.00	0.00	0.00	237.00	0.00	0.00	237.00	0.00	0.00	0.00
222	Supplying of 1440rpm heavy duty exhaust fan with bracket blades suitable to operate on 230V 50Hz, AC Supply complete. 9.2.1)12" Sweep (300mm) directions of the Engineer-In-charge of the work	Each	0.00	0.00	0.00	0.00	3654.00	0.00	0.00	3654.00	0.00	0.00	0.00
223	Fixing one exhaust fan after making a suitable nitch in the wall and finishing with cement mortar and colouring to match the existing wall or brackets, with bolts and nuts and a 5 amps, ceiling rose with sufficient length of 23 / 0.0076 inch PVC insulated twin core wire of approved make with wire mesh and wooden frame. directions of the Engineer-In-charge of the work	Each	0.00	0.00	0.00	0.00	680.00	0.00	0.00	680.00	0.00	0.00	0.00

Item No	Description of work	Unit	Modified Schedule B			Previous			Present			Total Upto Date	
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
224	PART-F - CABLE AND CABLE END TERMINATION HT CABLES HT Cable GROUP A Supplying and laying of high tension 11KV cable, Dry Curing & Dry Cooling with true triple extrusion, simultaneously through a single common head, 3 core under ground XLPE (E) cable having stranded compact circular aluminium conductor, screened insulated, insulation screened with extruded semiconducting compound in combination with copper tape, core laid up extruded inner sheathed of GI flat strip armoured and overall PVC sheathed with specified IS 7098/11/85 with latest amendments & confirming to the GTP of GROUP-A 8.3.1) 3Cx95 sqmm directions of the Engineer-In-charge of the work	m	0.00	0.00	0.00	0.00	1040.00	0.00	0.00	1040.00	0.00	0.00	0.00
225	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete (As per Civil SR KSRB I-2, P-7) 7.9.2) In soil (hard) directions of the Engineer-In-charge of the work	m	0.00	0.00	0.00	0.00	106.00	0.00	0.00	106.00	0.00	0.00	0.00
226	LT CABLES Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq mm wire armoured) confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with specified IS-1554 Part-1:1988 & confirming to GTP of GROUP-A 4 core 10 sqmm directions of the Engineer-In-charge of the work	m	0.00	0.00	0.00	0.00	118.80	0.00	0.00	118.80	0.00	0.00	0.00
227	Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq mm wire armoured) confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with specified IS-1554 Part-1:1988 & confirming to GTP of GROUP-A 3.5 core 185 sqmm directions of the Engineer-In-charge of the work	m	0.00	0.00	0.00	0.00	816.00	0.00	0.00	816.00	0.00	0.00	0.00
228	Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq mm wire armoured) confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with specified IS-1554 Part-1:1988 & confirming to GTP of GROUP-A 3.5 core 120 sqmm directions of the Engineer-In-charge of the work	m	0.00	0.00	0.00	0.00	556.80	0.00	0.00	556.80	0.00	0.00	0.00
229	Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq mm wire armoured) confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with specified IS-1554 Part-1:1988 & confirming to GTP of GROUP-A 3.5 core 70 sqmm directions of the Engineer-In-charge of the work	m	0.00	0.00	0.00	0.00	270.00	0.00	0.00	270.00	0.00	0.00	0.00
230	Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq mm wire armoured) confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with specified IS-1554 Part-1:1988 & confirming to GTP of GROUP-A 3.5 core 25 sqmm directions of the Engineer-In-charge of the work	m	0.00	0.00	0.00	0.00	165.50	0.00	0.00	165.50	0.00	0.00	0.00

Item No	Description of work	Unit	Modified Schedule 8			Previous			Present				
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
231	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe stoneware pipe on wall on pole as required On wall Structure 6 sqmm to 16 sqmm directions of the Engineer-In-charge of the work	m	0.00	0.00	0.00	0.00	31.00	0.00	0.00	31.00	0.00	0.00	0.00
232	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe stoneware pipe on wall on pole as required On wall Structure 25 sqmm to 75 sqmm directions of the Engineer-In-charge of the work	m	0.00	0.00	0.00	0.00	34.80	0.00	0.00	34.80	0.00	0.00	0.00
233	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe stoneware pipe on wall on pole as required On wall Structure 95 sqmm to 150Sqmm directions of the Engineer-In-charge of the work	m	0.00	0.00	0.00	0.00	42.40	0.00	0.00	42.40	0.00	0.00	0.00
234	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe stoneware pipe on wall on pole as required On wall -Structure 185sqmm to 240Sqmm directions of the Engineer-In-charge of the work	m	0.00	0.00	0.00	0.00	44.50	0.00	0.00	44.50	0.00	0.00	0.00
235	END TERMINATION HT CABLE ENDTERMINATION Supplying and making 11KV (E) Extruded "X" linked for tubing & moulded & cross-linked components using Heat Shrink Stress Control tube having High Permittivity XLPE Terminations- OUTDOOR JOINTING KIT & confirming to the GTP OUTDOOR 8.2 (1) 3Cx95-120sqmm directions of the Engineer-In-charge of the work	Kit	0.00	0.00	0.00	0.00	10108.00	0.00	0.00	10108.00	0.00	0.00	0.00
236	Supplying and making 11KV (E) Extruded "X" linked for tubing & moulded & cross-linked components using Heat Shrink Stress Control tube having High Permittivity XLPE Terminations- INDOOR JOINTING KIT & confirming to the GTP INDOOR 8.2 (1) 3Cx95-120sqmm directions of the Engineer-In-charge of the work	Kit	0.00	0.00	0.00	0.00	8373.00	0.00	0.00	8373.00	0.00	0.00	0.00
237	LT CABLE END TERMINATION Supplying and fixing of heavy duty cable glands suitable for UG cable of 1.1 KV class (metal only) 25mm dia directions of the Engineer-In-charge of the work	Each	0.00	0.00	0.00	0.00	86.00	0.00	0.00	86.00	0.00	0.00	0.00
238	Supplying and fixing of heavy duty cable glands suitable for UG cable of 1.1 KV class (metal only)32mm dia directions of the Engineer-In-charge of the work	Each	0.00	0.00	0.00	0.00	122.00	0.00	0.00	122.00	0.00	0.00	0.00
239	Supplying and fixing of heavy duty cable glands suitable for UG cable of 1.1 KV class (metal only) 50mm dia directions of the Engineer-In-charge of the work	Each	0.00	0.00	0.00	0.00	264.00	0.00	0.00	264.00	0.00	0.00	0.00
240	Supplying and fixing of heavy duty cable glands suitable for UG cable of 1.1 KV class (metal only) 75mm dia directions of the Engineer-In-charge of the work	Each	0.00	0.00	0.00	0.00	513.00	0.00	0.00	513.00	0.00	0.00	0.00
241	Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes 16 sqmm directions of the Engineer-In-charge of the work	Each	0.00	0.00	0.00	0.00	11.31	0.00	0.00	11.31	0.00	0.00	0.00
242	Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes 25 sqmm Long Barrel directions of the Engineer-In-charge of the work	Each	0.00	0.00	0.00	0.00	20.59	0.00	0.00	20.59	0.00	0.00	0.00
243	Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes 70 sqmm Long Barrel directions of the Engineer-In-charge of the work	Each	0.00	0.00	0.00	0.00	98.28	0.00	0.00	98.28	0.00	0.00	0.00

Item No	Description of work	Unit	Modified Schedule B			Previous			Present			Total Upto Date	
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
244	Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes 120 sqmm Long Barrel directions of the Engineer-In-charge of the work	Each	0.00	0.00	0.00	0.00	196.56	0.00	0.00	196.56	0.00	0.00	0.00
245	Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes 185 sqmm Long Barrel directions of the Engineer-In-charge of the work	Each	0.00	0.00	0.00	0.00	338.52	0.00	0.00	338.52	0.00	0.00	0.00
246	CABLE TRAY Supplying and fixing 2mm thick perforated cable tray with powder coated paint on existing MS angle support using necessary GI bolts/nuts and washer or welding as required 7.19.1) 150x50mm directions of the Engineer-In-charge of the work	m	0.00	0.00	0.00	0.00	440.00	0.00	0.00	440.00	0.00	0.00	0.00
247	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc , complete In soil (hard) directions of the Engineer-In-charge of the work	m	0.00	0.00	0.00	0.00	106.00	0.00	0.00	106.00	0.00	0.00	0.00
248	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc , complete C C cutting directions of the Engineer-In-charge of the work	m	0.00	0.00	0.00	0.00	212.00	0.00	0.00	212.00	0.00	0.00	0.00
249	G MISCELLANEOUS ITEMS Supplying and fixing of class A (medium duty) GI pipe of wall thick ness not less than 3.25mm pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class 7.12.2) 50mm directions of the Engineer-In-charge of the work	m	0.00	0.00	0.00	0.00	391.00	0.00	0.00	391.00	0.00	0.00	0.00
250	Supplying and fixing angle iron frame work fabricated out of M.S. angle iron . and M.S. flat with bolts, washers etc , and painted with 2 coats of red oxide and then two coats of approved paint 6.39.1) 40x40x6mm directions of the Engineer-In-charge of the work	m	0.00	0.00	0.00	0.00	263.00	0.00	0.00	263.00	0.00	0.00	0.00
251	Supply and laying double walled corrugated (DWC) HDPE Pipe including all necessary connecting Sockets/Couplings/Tees/Bends/End-caps of same materials in existing trench as per IS 14930 part -II suitable for drawing underground cables 7.20.10) 160mm OD / 135mm ID directions of the Engineer-In-charge of the work	m	0.00	0.00	0.00	0.00	580.00	0.00	0.00	580.00	0.00	0.00	0.00
252	Concealed Conduit System Supplying heavy gauge PVC conduit pipe mm dia mm thick confirming to IS 2509 with suitable size bends, metal/PVC junction boxes, adhesive paste etc , and running before concreting the slab The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fish wire wherever necessary 19/20mm dia 2mm thick directions of the Engineer-In-charge of the work	m	0.00	0.00	0.00	0.00	43.00	0.00	0.00	43.00	0.00	0.00	0.00
253	Concealed Conduit System Supplying heavy gauge PVC conduit pipe mm dia mm thick confirming to IS 2509 with suitable size bends, metal/PVC junction boxes, adhesive paste etc , and running before concreting the slab The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fish wire wherever necessary25mm dia 2mm thick directions of the Engineer-In-charge of the work	m	0.00	0.00	0.00	0.00	57.00	0.00	0.00	57.00	0.00	0.00	0.00

Item No	Description of work	Unit	Modified Schedule B			Previous							
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
254	Concealed Conduit System Supplying heavy gauge PVC conduit pipemm dia mm thick confirming to IS 2509 with suitable size bends, metal/PVC junction boxes, adhesive paste etc., and running before concreting the slab The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fish wire wherever necessary 32mm dia 2.5mm thick directions of the Engineer-In-charge of the work	m	0.00	0.00	0.00	0.00	90.00	0.00	0.00	90.00	0.00	0.00	0.00
255	Supplying and installation of ABC Kgs capacity Fire Extinguishers for multipurpose (Solid, Liquid, Gas, Electrical) a) 5 Kgs directions of the Engineer-In-charge of the work	Each	0.00	0.00	0.00	0.00	2085.00	0.00	0.00	2085.00	0.00	0.00	0.00
256	Supplying and installation of Dry Chemical powder Kg capacity Fire Extinguishers for multipurpose (DG, Electrical Panel) b) 5 Kgs directions of the Engineer-In-charge of the work	Each	0.00	0.00	0.00	0.00	1800.00	0.00	0.00	1800.00	0.00	0.00	0.00
257	Supplying and installation of Mechanical Foam-9ltrs capacity Fire Extinguishers for multipurpose (DG, Electrical Panel) directions of the Engineer-In-charge of the work	Each	0.00	0.00	0.00	0.00	2600.00	0.00	0.00	2600.00	0.00	0.00	0.00
258	Supplying and installing of CO2Kgs capacity Fire Extinguishers for multipurpose (Servers, Panels, Computers, etc.,) c) 4-5 Kgs directions of the Engineer-In-charge of the work directions of the Engineer-In-charge of the work	Each	0.00	0.00	0.00	0.00	4810.00	0.00	0.00	4810.00	0.00	0.00	0.00
259	Supplying of Four Bucket stand along with Buckets directions of the Engineer-In-charge of the work	Each	0.00	0.00	0.00	0.00	1200.00	0.00	0.00	1200.00	0.00	0.00	0.00
260	Supplying of Hand Gloves directions of the Engineer-In-charge of the work	Pair	0.00	0.00	0.00	0.00	170.00	0.00	0.00	170.00	0.00	0.00	0.00
261	Supplying and installation of RUBBER MAT 1mt x 2mt-100mm thick directions of the Engineer-In-charge of the work	Each	0.00	0.00	0.00	0.00	1105.00	0.00	0.00	1105.00	0.00	0.00	0.00
262	Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq.mm wire armoured) confirming to IS-3975 1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with specified IS-1554 Part-1.1988 & confirming to GTP of GROUP-A. 7.4.10) 3.5 core 120 sqmm	m	0.00	0.00	0.00	0.00	556.80	0.00	0.00	556.80	0.00	0.00	0.00
263	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required On wall /Structure 7.8.8) 95 sqmm to 150Sqmm	m	0.00	0.00	0.00	0.00	42.40	0.00	0.00	42.40	0.00	0.00	0.00
264	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete (As per Civil SR KSRB I-2, P-7) 7.9.2) In soil (hard)	m	0.00	0.00	0.00	0.00	106.00	0.00	0.00	106.00	0.00	0.00	0.00
265	Supply and installation of Acoustic insulation using 50mm thick with 24Kg Density glass wool with 24G aluminum perforated sheet complete	Sqm	0.00	0.00	0.00	0.00	800.00	0.00	0.00	800.00	0.00	0.00	0.00
266	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV.65mm	m	0.00	0.00	0.00	0.00	585.00	0.00	0.00	585.00	0.00	0.00	0.00

Item No	Description of work	Unit	Modified Schedule B			Previous			Previous				
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
267	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3 25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1 1 KV 50mm	m	0 00	0 00	0 00	0 00	391 00	0 00	0 00	391 00	0 00	0 00	0 00
268	B EARTHING SYSTEM Supplying fixing and wiring earth electrode for grounding of lifts, transformers, DG sets etc using 40mm dia 2 9mm thick 2 5 mtr long GI pipe with GI funnel with mesh and suitable size reducer fixed on the top of the earth electrode The funnel should be enclosed in a CC chamber of 400x400x400mm with a cast iron cover The earth electrode shall have staggered holes of 12mm dia and the electrode should be covered 150mm all-round with alternate layers of salt and charcoal from the bottom of the CC chamber The connection from the electrode is to be established through GI strip using GI bolts and nuts	Each	0 00	0 00	0 00	0 00	4317 00	0 00	0 00	4317 00	0 00	0 00	0 00
269	Supplying and running of Copper strips for grounding connections, using necessary fixing materials as required 25x3mm Copper strip	m	0 00	0 00	0 00	0 00	523 00	0 00	0 00	523 00	0 00	0 00	0 00
270	Supplying and running of Copper strips for grounding connections, using necessary fixing materials as required 25x6mm Copper strip	m	0 00	0 00	0 00	0 00	1018 00	0 00	0 00	1018 00	0 00	0 00	0 00
271	Supplying and running of GI strips for grounding connections, using necessary fixing materials as required 25x3mm GI strip	m	0 00	0 00	0 00	0 00	77 00	0 00	0 00	77 00	0 00	0 00	0 00
272	Supplying and running of GI strips for grounding connections, using necessary fixing materials as required 40x6mm GI strip	m	0 00	0 00	0 00	0 00	166 00	0 00	0 00	166 00	0 00	0 00	0 00
273	Supplying and running GI/Copper conductor for grounding and (along with other wires in conduit system of wiring) using necessary suitable size clamps, nails, guttas spacers etc GI Wire 8 SWG	m	0 00	0 00	0 00	0 00	19 50	0 00	0 00	19 50	0 00	0 00	0 00
E1	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc , complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars and cap etc ,) 300 to 350 m	m	100 00	653 41	65341 00	100 00	653 41	65340 91	0 00	653 41	0 00	100 00	65340 91
E2	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc , complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars and cap etc ,) 350 to 400 m	m	97 00	691 23	67049 31	97 00	691 23	67049 02	0 00	691 23	0 00	97 00	67049 02

Item No	Description of work	Unit	Modified Schedule B			Previous							
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
E3	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc , complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding cost of casing pipes, collars and cap etc.) 400 to 430 m	m	27.00	691.23	18663.21	27.00	691.23	18663.13	0.00	691.23	0.00	27.00	18663.21
E4	Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300- 2 complete as per specifications (which includes cost of gravel / murrum, watering charges & compaction by vibratory roller) MORTH Specification No 305	cum	569.16	357.98	203750.69	569.16	357.98	203750.69	0.00	357.98	0.00	569.16	203750.69
E5	Earth work for lowering and levelling the ground other than foundation works by mechanical means upto 3.00 depth, including providing shoring and strutting, removal of stumps and other deleterious matter, dressing of sides and bottom, filling back the excavation earth to the extent required including the cost of labour & HOM of machineries, as per drawing and technical specification	cum	1338.30	67.19	89921.00	1338.30	67.19	89921.91	0.00	67.19	0.00	1338.30	89921.91
E6	Providing and fixing to wall, ceiling and floor unplasticised PVC pipes 10.00 kgf/sq.cm working pressure chemp plast / Wavin or equivalent make with pipe fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials,with 160 mm outer dia	m	36.00	1053.65	37931.40	36.00	1053.65	37931.40	0.00	1053.65	0.00	36.00	37931.40
E7	Providing and fixing to wall, ceiling and floor unplasticised PVC pipes 10.00 kgf/sq.cm working pressure chemp plast / Wavin or equivalent make with pipe fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials,with 200 mm outer dia	m	12.00	1755.38	21064.56	12.00	1755.38	21064.56	0.00	1755.38	0.00	12.00	21064.56
E8	Providing and removing centering, shuttering, strutting, propping etc , and removal of form work for sides and soffits of beams, beams haunchings, cantilelver, girders, bressumers and lintels exceeding 1m in depth including cost of all materials, labour complete as per specifications Specification No	Sqm	1053.98	567.82	598470.92	1053.98	567.82	598470.00	0.00	567.82	0.00	1053.98	598470.00
E9	Providing and removing centering, shuttering, strutting, propping etc , and removal of form work for suspended floors, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specificaitons for heights more than 3.50m from ground level - 0 to 9 mtrs	Sqm	1194.46	1288.75	1539358.98	1194.46	1288.75	1539358.98	0.00	1288.75	0.00	1194.46	1539358.98
E10	Providing and removing centering, shuttering, strutting, propping etc , and removal of form work for Stairs (excluding landing) except spiral staircase including cost of all materials, labour complete as per specificaiton	Sqm	87.76	572.78	50265.66	87.76	572.78	50265.66	0.00	1.00	0.00	87.76	50265.66
E11	Providing and constructing non load bearing wall with solid concrete blocks of size 400x100x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 4.00 N/mm2 confirming to IS 2185 (Part) 2005 and constructed with CM 1:4 , as per IS 2572 2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications	Sqm	61.79	893.31	55199.05	61.79	893.31	55199.05	0.00	893.31	0.00	61.79	55199.05

Item No	Description of work	Unit	Modified Schedule 'B'			Previous								
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
E12	Providing and constructing non load bearing wall with solid concrete blocks of size 400x100x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 4.00 N/mm2 confirming to IS 2185 (Part) 2005 and constructed with CM 1:4 , as per IS 2572 2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications (Second Floor)	Sqm	41.14	970.41	39924.21	10.50	970.41	10189.35	30.64	970.41	29734.86	41.14	39924.21
E13	Providing rough cement plastering 15mm thick in single coat with cement mortar 1:4 to brick masonry for base of dadooing works with sand of approved quality, providing and removing scaffolding, incldng cost of materials, labour, curing complete as per specifications , (Ground Floor)	Sqm	596.64	225.81	134723.97	305.01	225.81	68873.77	291.62	225.81	65850.00	596.64	134723.77
E14	Providing rough cement plastering 15mm thick in single coat with cement mortar 1:4 to brick masonry for base of dadooing works with sand of approved quality, providing and removing scaffolding, incldng cost of materials, labour, curing complete as per specifications , Second Floor	Sqm	90.72	239.02	21684.24	90.72	239.02	21684.24	0.00	239.02	0.00	90.72	21684.24
E15	Providing and fixing M.S grill work for windows and ventilators weighing 21kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approve design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications (Ground Floor)	Kg	227.31	104.64	23786.11	224.91	104.64	23534.97	2.40	104.64	251.00	227.31	23786.97
E16	Providing and fixing M.S grill work for windows and ventilators weighing 21kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approve design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications (Second Floor)	Kg	389.34	117.86	45887.47	389.34	117.86	45887.47	0.00	117.86	0.00	389.34	45887.47
E17	Providing skirting, dado, rises of steps with colour glazed tiles on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications Specification Colour glazed tiles 30x60 cms 6mm thick with border of size 30 x 10 cms (Ground Floor)	Sqm	596.73	1797.63	1072696.05	305.10	1797.63	548464.17	291.62	1797.63	524232.00	596.73	1072696.17
E18	Providing skirting, dado, rises of steps with colour glazed tiles on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications Specification NoColour glazed tiles 30x60 cms 6mm thick with border of size 30 x 10 cms (Second Floor)	Sqm	90.72	1802.04	163481.15	90.72	1802.04	163481.15	0.00	1802.04	0.00	90.72	163481.15
E19	Providing laying plain/ reinforced cement concrete for side Drains Using M20 nominal mix Concrete with OPC at 300kgs With 20mm and Down size granite metal coarse aggregate at 0.69cum and fine aggregate at 0.43cum Machne mixed, well compacted for wall and Bottom including centering shuttering,cost of materials,HOM of Machinery,Curing Etc ,Complete Excluding cost of Steel as per morth MORTH specification No. 1500, 1700, 2200 Including Cost of material, Labour, HOM complete as per Specification-WALL & Bottom thickness 15Cm	Cum	10.78	7346.95	79223.80	7.93	7346.95	58260.59	2.85	7346.95	20963.00	10.78	79223.69

Item No	Description of work	Unit	Modified Schedule B			Previous							
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
E20	Providing T M T bars Fe 500 steel reinforcement for R C C work including straightenmg, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications MORTH Specification NO 1600&2200Specification No Pg No 229 Item No 28 8 2	Tonne	0 92	67593 06	62097 12	0 92	67593 06	62097 12	0 00	67593 06	0 00	0 92	62097 12
E21	Providing and fixing pull and push type rolling shutters of approved make out of 18 guage, 75mm wide cold rolled steel laths of convex corrugation, with side guides and bottom rail, with interlocking arrangements for steel laths by means of alternate clips, suspension shaft with High tension coil type springs two numbers, mounted on specially designed pipe shaft, with bracket plates, guide channels, ball bearing arrangements, for inside & outside locking with push & pull operations complete including pulling hooks, 4Nos handles with all fittings and accessories, painted with a coat of red lead paint (without top cover) cost of materials, labour, HOM of machinery complete as per specifications Shutter size 3mx2 8	Sqm	9 30	2871 59	26705 78	9 30	2871 59	26705 78	0 00	2871 59	0 00	9 30	26705 78
E22	Providing and fixing factory made Galvanized plain steel door frame of profile size 125x60 mm single rebate manufactured from galvanized plain steel sheet 1 25mm thick, confirming to IS 277 The door frame consists of hinge jamb, lock jamb, head and bottom tie bars, supply in knockdown condition & to be assembeled at site by mechanical means with special mitre joint The bottom tie bar made out of galvanized plain steel sheet 1 60mm thick pressed angle 20 x 20mm screwed to the door frame The stiffness of 3mm thick MS GATE & pre-trapped are to be welded inside the pre-punched alots of the door frames & 4 nos of S S butt hinges 100 x 59 2 5mm to be screwed to the door frame The stiffeners & mortor guards to be provided for fixing hardware fixtures The door frame to be powder coated after pre-treatment of the surface The door frame shall be filled with 1 3 6 cement concrete & to be fixed with adjustable lugs/hold fasts Alternatively, dry fixing shall be permitted by using metallic expansion bolt The rate is mcluding transportation, loading, unloading, HOM etc but excluding the hardware fixtures Size 1000 x 2130 mm	Rmt	11 60	600 31	6963 63	11 60	600 31	6963 63	0 00	600 31	0 00	11 60	6963 63
E23	Providing and fixing factory made Galvanized plain steel door shutters 32mm thick manufactured from pre painted galvanized plain steel sheet 0 60mm thick confirming to the IS 14246 The door shutters consists of two outer skins if steel sheets , lock seam jointed at vertical stile edges, horizontal top and bottom sides to form a double skin fully flush shell Rigid polyyurethane Foam (PUF) of density 40 kg/m3 shall be filled in the hollow portion of door shutters for structure rigidly & sound insulation The necessary stiffeners of the Galvanized plain steel sheet of minimum thickness 1 60mm to be provided for fixing all hardware fixtures The rate is mcluding transportation, loading, unloading, HOM etc but excluding the hardware fixtures Size 900 x 2015 x 32 mm	Sqm	3 60	600 31	2161 13	3 60	600 31	2161 13	0 00	600 31	0 00	3 60	2161 13

Item No	Description of work	Unit	Modified Schedule II			Previous							
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
E24	Providing and fixing to wall, ceiling and floor, medium density polyethylene pipes 6 00 kgf/sq cm working pressure 20mm outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications)160mm dia Pipe	m	61 60	600 31	36979 29	61 60	600 31	36979 29	0 00	600 31	0 00	61 60	36979 29
E25	Waterproofing of RCC Terrace / podium slab / toilet / utilities / water retaining structure by preparing the surface by chipping and cleaning and Grouting of Honey comb, voids,cracks / construction joints with cement slurry (1kg cement added in 10 ltr of water) added with 100gm of inorganic accelerator, followed by spraying of liquid biological modified alkaline earth silicates @ 0 40 ltr per sqm on whole surface to reduce the micro porosity and allowing it to dry, curing the surface for the silicates to penetrate deeper into the concrete and spraying waterproofing impregnate liquid containing silane and silanol linear copolymer @ 0 50 ltr per sqm and finally applying polymer slurry made out of cross linked acrylic / styrene / butadiene & cement in the ratio of 1 0 1, @0 50kg/sqm on the whole surface, including all labour charges tools and equipments, all complete as per the specification	Sqm	779.58	579 38	451675.64	779 58	579 38	451675.64	0 00	579 38	0 00	779 58	451675 64
E26	KSRB 4-6 5 Providing and removing centering, shuttering, strutting, propping etc and Removal of form Work for columns, pillars, piers, post and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per specificaiton	Sqm	346 56	711 56	246599.56	346 56	711 56	246599 56	0 00	711 56	0 00	346 56	246599 56
E27	Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using three track window frame of size 92x31 75mm bottom section 1 3mm thick, weight 1 07kg/m, sides and top sections 1 3 mm, thick, weight 0 933 kg/m shutter frame section comprising top and bottom section of size 40mmx18mm, wall thickness 1 25mm weight 0 417 kg /m shutter side outer 40mmx18mm wall thickness 1 25mm weight 0 417 kg/m, shutter interlock section 40mmx26 7mm wall thickness 1 1 mm thick, weight 0 469 kg/m, the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc ; providing and fixing 5 5mm thick plain glass for shutters fitted with rubber beading all aluminium sections including cutting to required length, joints mitred subdividing the frame tenonned and rivetted, in the assembled frame, stiffened with end clips for corners, angles etc , and fixed to the walls, lintels, floor beams/cills as the case may be, with necessary steel screws, raul plugs or teak wood gatties including cutting masonry or concrete and making good the original surface using cement mortar - using aluminium section powdered coated to a minimum of 60- 70 microns with exterior durable pure polyester grade powder of approved qualitycomplete as per specifications and directions of the Engineer in charge	Sqm	32.45	4885 12	158503.00	0 00	0 00	0 00	32 45	4885 12	158503 00	32 45	158503 00
E28	KSRB13-6 7 Providing and fixing in position chromium plated brass shower rose with 15 or 20mm inlet including cost of all materials, labour and HOM with all leads complete as per specifications Specification No KBS 13 2 16 / 13 3 KSRB13-6 7-2 - do - 150 mm dia	Each	14 00	826 12	11566 00	0 00	0 00	0 00	14 00	826 12	11566 00	14 00	11566 00

Item No	Description of work	Unit	Modified Schedule B			Previous			Present				
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
E29	Fixing of door frames in an existing opening including embedding frame in floor and walls after cutting masonary for holdfasts for embedding holdfast in cement concrete 1 3:6 of 20mm and downsize granite metal painting two coats of coal tar to sides of frame,making good the damages to walls and floor as required and disposal of the debries with lead upto 50 m including cost of materials, labour, complete as per specifications and directions of the Engineer in charge	Nos	3.00	1504.64	4514.00	0.00	0.00	0.00	3.00	1504.64	4514.00	3.00	4514.00
E30	Providing Honne wood frames of doors, windows, clerestory windows,ventilators and other frames , wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps),but including cost of materials, labour, HOM of machineries complete as per specifications and directions of the Engineer in charge	Sqm	0.38	96495.11	36736.00	0.00	0.00	0.00	0.38	96495.11	36736.00	0.38	36736.00
E31	Providing and fixing in position fully panelled Honne wood shutters for doors, styles and rails of 40mm thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries (excluding cost of fixtures) complete as per specifications and directions of the Engineer in charge	Sqm	8.11	5201.25	42193.00	0.00	0.00	0.00	8.11	5201.25	42193.00	8.11	42193.00
E32	Providing and applying painting two coats (excluding priming coat) on new wood surface and / or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost ofmaterials, labour, complete as per specifications and directions of the Engineer in charge	Sqm	48.94	106.84	5229.00	0.00	0.00	0.00	48.94	106.84	5229.00	48.94	5229.00
E33	Providing chain link fencing 50mm size of 8 guage properly stretched between existing rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts and as per the directions of the Engineer-in-charge of work including two coats of approved quality paint over one coat of shop paint, including cost of materials, labour, HOM complete as per specifications	Sqm	14.29	787.57	11256.00	0.00	0.00	0.00	14.29	787.57	11256.00	14.29	11256.00

Item No	Description of work	Unit	Modified Schedule B			Previous			Present			Total Upto Date	
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
E34	KSRB 4 2 8 Providing and laying in position reinforced cement concrete of design Mix M20 with OPC @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0 69cum and fine aggregates @ 0 46cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in ground floor level for roof slabs, staircase, lintels, and beams retaining walls, return walls, walls (any thickness) including attached pilasters, columns,pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc , including cost of all materials, labour, HOM curing, complete but excluding cost of reinforcement as per specifications. Specification No KBS 4 1, 4 6	Cum	10.30	6622.17	68220.00	0.00	0.00	0.00	10.30	6622.17	68220.00	10.30	68220.00
	Sub Total				**66462414.00**			**52735764.82**			**13726649.00**		**66462414.00**
	18% GST				**3365994.00**			**895197.00**			**2470797.00**		**3365994.00**
	BESCOM Charges including GST as per Receipt No. 177904989369				**191200.00**			**191200.00**			**0.00**		**191200.00**
	BESCOM Charges including GST as per Receipt No. 177904949620				**52885.00**			**52885.00**			**0.00**		**52885.00**
	Total Amount				**70072493.00**			**53875047.00**			**16197446.00**		**70072493.00**

Certificate

1.The Work executed by the contractor is found satisfactory

2. The contractor has removed the debris from the work spot

3. Thereare no departmental issues for this work

Contractor

Assistant Engineer

Assistant Executive Engineer

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Executive Engineer

ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರುರವರ ಕಾರ್ಯಾಲಯ (ಯೋಜನೆ)
ಯಲಹಂಕ ವಲಯ, ಬೆಂಗಳೂರು–560 092

ಚೆಕ್ ಲಿಸ್ಟ್

1)	ಕಾಮಗಾರಿಯ ಹೆಸರು	**Construction of Swimming pool a Amrutha Nagara Byatarayanapura Ward No:07**
2)	ಅಂದಾಜು ಮೊತ್ತ	**Rs. 700.00 Lakhs**
3)	ಕಾಮಗಾರಿ ಆಯವ್ಯಯದಲ್ಲಿ ಸೇರ್ಪಡೆಯಾಗಿದೆಯೇ	Yes
4)	ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ಸಂಖ್ಯೆ	Yes
5)	ಆಡಳಿತ ಮಂಜೂರಾತಿ ಸಂಖ್ಯೆ	`Yes
6)	ಈ ಕಾಮಗಾರಿಯು ಈ ಹಿಂದಿನ ಕೌನ್ಸಿಲ್ ಅನುಮೋದನೆ ಗೊಂಡಿರುವ ದೃಢೀಕರಣ ಪತ್ರದ ದಕಲು.	-
7)	ಕಾಮಗಾರಿಯು ಕರ್ನಾಟಕ ಪಾರದರ್ಶಕ ನಿಯಮ 2000 ಹಾಗೂ ಸಂಬಂಧಿಸಿದ ಆದೇಶ ಮತ್ತು ಸುತೋಲೆಯಂತೆ ನಿರ್ವಹಿಸಲಾಗಿದೆಯೇ	Yes
8)	ಕಾಮಗಾರಿಯನ್ನು ಕಾರ್ಯಗತ ಮಾಡಿರುವ ವಿಧಾನ	Tender
9)	ಗುತ್ತಿಗೆದಾರರ ಹೆಸರು	**Sri.K Somappa**
10)	ಕಾಮಗಾರಿಯ ಬಿಲ್ಲಿನ ಮೊತ್ತ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ಹಾಗೂ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ಮೊತ್ತದ ಮಿತಿಯಲ್ಲಿ ಇದೆಯೇ	ಇದೆ

ಸಹಾಯಕ/ಕಿರಿಯ ಅಭಿಯಂತರರು

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
21/8/24

Assistant Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

ಕಛೇರಿಯ ಪರಿಶೀಲನೆ

ಕಾಮಗಾರಿಯ ಬಿಲ್ಲನ್ನು ಪರಿಶೀಲಿಸಿರುತ್ತ ಇದರ ಮೊತ್ತ ರೂ. ಗಳು

ಗುತ್ತಿಗೆದರರಾದ **Sri.K Somappa** ರವರಿಗೆ ಪಾವತಿ ಮಾಡಲು ಲೆಕ್ಕ ಶಾಖೆಗೆ ಕಡತವನ್ನು ರವಾನಿಸಿದೆ.

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯೋಜನೆ ವಿಭಾಗ, ಯಲಹಂಕ ವಲಯ
ಬಿಬಿಎಂಪಿ, ಬೆಂಗಳೂರು–92

BRUHAT BANGALORE MAHANAGARA PALIKE

Completion Certificate

Office of the Executive Engineer, Bruhat Bangalore Mahangara Palike,
Project Division, Bangalore - 560 092

Name of Work: Construction of Swimming Pool at Amrutha Nagara Byatarayanapura Ward No.07

SL No	Particulars	
1	Name of Contractor	**Sri.K Somappa**
2	Amount of Estimate	**Rs. 700.00 Lakhs**
3	Amount of Expenditure	**Rs. 70072493.00(inculding GST)**
	a) Excess	-
	b) Savings	-
4	Date of Commencement of work	07-09-2018
5	Date of Completion of work	31-08-2024
6	Name of the Subordinate in charge of the Work	Sri. Anjaneyalu . 13.12
7	Name of the Inspecting Officer	Sri.K.G.Sundresh
8	Other Details if any	-

Assistant / Junior Engineer

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Project Sub Division
Bangalore - 92

Executive Engineer
Bruhat Bangalore Mahangara Palike
Project Division
Bangalore - 92

Chief Engineer,
Yelahanka Zone
BBP Bangalore.

BRUHATH BANGALORE MAHANAGARA PALIKE

Project Division

Comparitive Statement

Name of Work:	Construction Of Swimming Pool At Amrutha Nagara, Byatarayanapura Ward No.07
Estimate Amount:-	68706949.340
Name of Contractor:-	Sri.K.Somappa No.139/A,6th Main Mathikere,Bangalore-560054
Approved amount:-	70075262.09
Tender premium:-	+1.99% (Above)

Sl. No.	Description of Work	Unit	Qty as per Quoted Rate			Total Executed Qty	Qty. as per Anticipated upto 125%			Qty. as per Anticipated above 125%			Total Amount	Difference		Remarks
			Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amount		excess amount	Savings amount	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1	Earth work excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m after breaking of clods complete as per specification	cum	2892.86	305.64	884173.73	4844.51	3616.00	305.64	1105194.24	1228.43	305.64	375458.63	1480652.87	596479.14	0.00	
2	Providing sand pilet with all leads and lift of 1.5 m. for stabilising foundation after duly making 5 cms. dia holes to a depth of 1.2 to 1.5 m. at 0.5 m c to c and filling with sand and tamping wherever required including cost of materials, labour complete as per specifications(.sand	sqm	800.00	233.38	186704.00	0.00	0.00	233.38	0.00	0.00		0.00	0.00	0.00	186704.00	
3	Providing sand cement bed with 5% cement with all cum leads for all materials and lift of 1.5 m. machine mixed, laid in layers of 15cms. thick and well compacted for foundation, including curing cost of materials labour and HOM complete as per specifications.	cum	800.00	3349.08	2679264.00	458.71	458.71	3349.08	1536248.11	0.00		0.00	1536248.11	0.00	1143015.89	
4	Filling available excavated earth (excluding rock) insides of foundations upto plinth in layers not exceeding 20cms. In depth, compacting each deposited layer by ramming after watering with a lead upto 50m. And lift upto 1.5m including cost of all labour complete as per specifications.	cum	269.12	137.16	36912.50	1610.31	336.40	137.16	46140.62	1273.91	137.16	174728.81	220869.43	183956.93	0.00	
5	Transportation of excavated earth by mechanical means including loading and unloading with a lead of 20 kmtr and dispersing the same as directed.	cum	2623.74	108.00	283363.92	4409.43	3279.68	108.00	354204.90	1129.76	110.15	124442.56	478647.46	195283.54	0.00	
6	Providing and filling in foundation with granite / trap broken metal 100mm and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift complete as per specification.	cum	287.22	2283.12	655757.73	484.85	359.03	2283.12	819697.16	125.82	2283.12	287250.86	1106948.01	451190.29	0.00	
7	Providing and laying in position Plain Cement Concrete of mix 1:3:6 with OPC cement @ 220kgs ,with 40mm and down size graded granite metal coarse aggregates @ 0 .892 cum and fine aggregates @ 0.465cum machine mixed, concrete laid in layers not exceeding 15 cms thick, well compacted, in foundation including cost of all materials,labour, HOM of machinery ,curing complete as per specifications.	cum	245.97	5449.68	1340457.79	570.31	307.46	5449.68	1675572.24	262.85	5449.68	1432459.70	3108031.93	1767574.14	0.00	
8	Providing and laying cement concrete using 20mm and down size granite coarse aggregates and fine aggregates of ready mixedf concrete for RCC works laid in 15 cms thick layers and well compated including vibrating, curing,etc., with all lead and lifts etc complete(excluisive of cost of steel and fabrication charges) Ready Mixed Cement Concrete for Beams, Staircase and Roof with M-25(for Side Walls and Bottom)	CUM	1410.76	7500.00	10580700.00	1253.12	1253.12	7500.00	9398362.50	0.00		0.00	9398362.50	0.00	1182337.50	
9	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as Walls at any thickness, incluidng attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specfiications	Sqm	816.72	414.72	338710.12	1084.02	1020.90	414.72	423387.65	63.13	322.74	20375.69	443763.34	105053.22	0.00	
10	Providing Ceramic tiles of approved make shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment, including cost of materials, labour, curing, complete as per specifications.of size 30 x 30 cms 6mm thick	sqm	1215.00	1230.08	1494547.20	810.84	810.84	1230.08	997402.50	0.00		0.00	997402.50	0.00	497144.70	
11	Providing and fixing Stainless steel 304 grade for staircase railings, balconies, ramps with hand rail, 50mm dia 16 guage hollow pipe welded to vertical hollow 50mm dia pipe of 16 guage, stainless steel vertical pipe spaced at 1.20m regular intervals, and 5 Nos of 25mm dia. Stainless steel hollow horizontal pipe are welded to vertical 50mm dia hollow pipe. The entire assembly is fixed to staircase concrete by using expansion bolts by drilling concrete etc., complete including cost of materials, labour, HOM of machineries and electrical charges, etc., complete as per specifications.	sqm	33.00	6638.76	219079.08	42.23	41.25	6638.76	273849.00	0.98	6632.08	6470.00	280319.00	61239.92	0.00	

Sl. No	Description of Work	Unit	Qty as per Quoted Rate			Total Executed Qty	Qty. as per Anticipated upto 125%			Qty. as per Anticipated above 125%			Total Amount	Difference		Remarks
			Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amount		excess amount	Savings amount	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
12	Providing 20mm thick cement plaster in single coat with cement mortar 1:3, to stone masonry & concrete surface including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as eper spec ifications and Extra for providing and mixing Waterproofing compound in cement plaster work at one kg per bag or in the proportion recomended by the manufacturers, for cement mortar 1:3, 12mm thick cost of materials complete as per specifications.	sqm	984.00	293.76	289059.84	989.01	989.01	293.76	290532.46	0.00		0.00	290532.46	1472.62	0.00	
13	Providing TMT Steel Reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.TMT Bars Fe 500	tonne	155.18	76329.00	11844734.22	196.83	193.98	76329.00	14806277.30	2.85	66758.13	190577.57	14996854.87	3152120.65	0.00	
14	Providing and laying/fixing cement base, precast, pre polished cement concrete, designer tiles 25mm thick for flooring conforming to IS 1237 heavy duty tiles for flooring. treads of steps and landing, laid on a bed of 12mm thick cement mortar 1:3 mis finished with flush pointing using white cement, including cost of materials, mortar, including cutting, griding the edge to half/full round wherever required, labour, curing cpmplete as per specification.	sqm	842.00	1171.80	986655.60	342.42	342.42	1171.80	401247.00	0.00		0.00	401247.00	0.00	585408.60	
15	Providing and constructing precast concrete Solid Blocks with compressive strength not less than 35 kg/sqm with cement mortar 1:4 masonry (quion, jamb, closer blocks) with Solid Concrete Blocks of size 40x20x20cms confirming to I.S 2185/1965 in Superstructure including cost of all materials, labour charges, scaffolding, curing complete as per specification	sqm	2504.92	1011.96	2534878.84	1327.19	1327.19	1011.96	1343061.37	0.00		0.00	1343061.37	0.00	1191817.47	
16	Providing and constructing granite / trap / basalt Size Stone Masonry in foundation with cement mortar 1:6 stone hammered dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications	cum	76.68	4359.96	334321.73	177.73	95.85	4359.96	417902.17	81.88	4359.96	357012.49	774914.66	440592.92	0.00	
17	Providing and removing Centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square / rectangular / polygon in plan including cost of materials, labour complete as per specification and directions of the Engineer in charge.	Sqm	928.00	395.28	366819.84	435.48	435.48	395.28	172136.53	0.00		0.00	172136.53	0.00	194683.31	
18	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressuemers and lintles exceeding 1 m in depth incluidng cost of all materials, labour complete as per specifications.	sqm	391.20	365.04	142803.65	264.76	264.76	365.04	96647.99	0.00		0.00	96647.99	0.00	46155.66	
19	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as roofs landings balconies and likes thickness upto 200 mm including cost of all materials labour complete as per specifications upto 3.50m from Ground level	sqm	2395.60	961.02	2302219.51	110.82	110.82	961.02	106496.39	0.00		0.00	106496.39	0.00	2195723.12	
20	Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners wherver required smooth rendering, : Providing and removing scaffolding, cost of materials, labour, curing complete as per specifications and direction of the Engineer in charge.For Outside Plastering	sqm	3459.46	277.56	960207.72	1800.71	1800.71	277.56	499803.71	0.00		0.00	499803.71	0.00	460404.01	
21	Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners wherver required smooth rendering, : Providing and removing scaffolding, cost of materials, labour, curing complete as per specifications and direction of the Engineer in charge Providing lime rendering for plastering to wall and ceiling including cost of mate3rials labour curing complete as per specifications Internal wall platering	sqm	4327.86	306.72	1327441.22	1247.57	1247.57	306.72	382654.73	0.00		0.00	382654.73	0.00	944786.49	
22	Providing and laying Hassan Green Granite flooring for Staircase, treads and rises using pre polished 20mm thick water cut green Granite Slab laid over existing cement concrete bed in CM 1:3, average 20mm thick including full rounding for nosing, cutting 3 lline grooves not more than 2mm wide for antiskidding, curing etc., complete.	sqm	72.09	4305.96	310416.66	0.00	0.00	4305.96	0.00	0.00		0.00	0.00	0.00	310416.66	
23	Providing Ceramic tiles of approved make shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment, including cost of materials, labour, curing, complete as per specifications.of size 30 x 30 cms 6mm thick	sqm	180.00	1270.08	228614.40	32.61	32.61	1270.08	41413.50	0.00		0.00	41413.50	0.00	187200.90	

	Description of Work	Unit	Qty as per Quoted Rate			Total Executed Qty	Qty. as per Anticipated upto 125%			Qty. as per Anticipated above 125%			Total Amount	Difference		Remarks
			Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amount		excess amount	Savings amount	
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
24	Providing ACE paint to external walls of approved colour and shade over prime's coat.after brooming & cleaning the surface and applying two coats of ACE paint with cost of all material,labour,lead lift with loading unloading etc.complete as per direction of Engineer in charge of work.(Approved rates)	sqm	3459.46	160.00	553513.60	1308.26	1308.26	160.00	209321.70	0.00		0.00	209321.70	0.00	344191.90	
25	Providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty. Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers including cost of all materials cost oif labour and scaffolding etc complete as per the specifications	sqm	5706.42	60.48	345124.28	4607.50	4607.50	60.48	278661.41	0.00		0.00	278661.41	0.00	66462.88	
26	Providing and applying painting in two coats with plastic Emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications and as per the directions of the Engineer in charge with primer	sqm	5706.42	97.20	554664.02	2880.15	2880.15	97.20	279950.41	0.00		0.00	279950.41	0.00	274713.62	
27	Providing 12mm thick cement plaster in single coat with cement mortar 1:3 to ceiling including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials,labour, curing complete as per specifications.Extra for providing and mixing waterproofing compound in cement plaster work at one kg per bag or in the proportion recommended by the manufacturers, for cement mortar 1:3 12mm thick cost of materials complete as per specifications.	sqm	1378.56	208.44	287347.05	1780.61	1723.20	208.44	359183.81	57.41	208.44	11967.37	371151.18	83804.14	0.00	
28	Geophysical investigation of site for sinking Borewell for supplying drinking water to the habitation either through the Hand pump, MWS of P.W.S.S by vertical electrical sounding by adopting Venner or Schlumberger's method, including reconnaissance survey of geological formation, Gerophysical investigation of existing Ground Wate in the vicinity, its qualityf 1.0 meter in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site., engaging techinical personal and labour required etc., as per Specification and direction (P.30, I. 9.4) PRED.SR 2012-13	Each	2.00	1900.00	3800.00	2.00	2.00	1900.00	3800.00	0.00		0.00	3800.00	0.00	0.00	
29	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars and cap etc.,) 0 to 50m	m	100.00	306.00	30600.00	100.00	100.00	306.00	30600.00	0.00		0.00	30600.00	0.00	0.00	
30	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars and cap etc.,) 50 to 100m	m	100.00	400.00	40000.00	100.00	100.00	400.00	40000.00	0.00		0.00	40000.00	0.00	0.00	
31	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars and cap etc.,) 100 to 150m	m	100.00	445.00	44500.00	100.00	100.00	445.00	44500.00	0.00		0.00	44500.00	0.00	0.00	
32	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars and cap etc.,) 150 to 200m	m	100.00	470.00	47000.00	100.00	100.00	470.00	47000.00	0.00		0.00	47000.00	0.00	0.00	

S. No.	Description of Work	Unit	Qty as per Quoted Rate			Total Executed Qty	Qty. as per Anticipated upto 125%			Qty. as per Anticipated above 125%			Total Amount	Difference		Remarks
			Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amount		excess amount	Savings amount	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
33	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars and cap etc.,) 200 to 250 m	m	100.00	544.00	54400.00	100.00	100.00	544.00	54400.00	0.00		0.00	54400.00	0.00	0.00	
34	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars and cap etc.,) 250 to 300 m	m	100.00	583.00	58300.00	100.00	100.00	583.00	58300.00	0.00		0.00	58300.00	0.00	0.00	
35	Supply of ISI mark 175 mm nominal bore medium black ERW casing pipe of 5 mm thick black electric resistance continuous welded mild steel tube material confirming to IS 1387 / 1993 & manufactured from hot rolled steel skelp / stripes in random length of 4 to 7 mts both ends threaded confirming to IS 554 / 1985, one end fixed with a socket and the other and with a plastic protection end (including of all taxes) as per corragandam	m	140.00	1325.00	185500.00	140.00	140.00	1325.00	185500.00	0.00		0.00	185500.00	0.00	0.00	
36	Providing 250mm dia PVC Pipe 6kg/cm as per specification and direction of the Engineer in Charge of the work	m	160.00	754.47	120715.20	65.00	65.00	754.47	49040.55	0.00		0.00	49040.55	0.00	71674.65	
37	Providing and fixing 175mm Borewell Cap	Nos	2.00	150.00	300.00	2.00	2.00	150.00	300.00	0.00		0.00	300.00	0.00	0.00	
38	Supply and delivery at site brand New texmo/ innoval/ Lubi/ Sabar / Atalanta/ Calamal/ make suitable for vertical installation in 150mm dia bore well comprising of single stage or multistage CF pump close coupled by meanns of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for opertation of 3PH., 50 Hz. 380/440 volts AC supply fitted with required aqccessories such as suction, casing suction strainers sand guard Non return value etc. complete The pump and motor shall form an integral unit with all the required fittings 17.50 HP 40 stage.	Nos	2.00	44000.00	88000.00	2.00	2.00	44000.00	88000.00	0.00		0.00	88000.00	0.00	0.00	
39	Supplying of ISI marked galvanized mild steel tube (continously welded electric resistance welded (ERW) high frequency, induction welded (HFIW) Hot finished welded type of nominal bore given below screwed at both ends as per IS 554/1986 with latest amendments, pipes threaftes at one end and the other end protected asper specification in random lengths of 4 to 7 mtrs Confirming to IS 1239 part I/1990 with amendament 1-5 and with all its latest amendements if any. The pipes supplied should be with BIS mark No 3/08-09 2406/15.10.2008. 50 mm dia including Collar Heavy Class	m	700.00	415.00	290500.00	700.00	700.00	415.00	290500.00	0.00		0.00	290500.00	0.00	0.00	
40	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper conductor confirming to table 3 class 5 of IS:8130-1984 and virgin grade PVC insulation and sheathed suitable for working voltage upto 1100 Volts. P. No. 46/ I No. 30-B 4.0 Sqm mm of 36 strands 0.3mm dia Group -	m	1400.00	151.00	211400.00	1400.00	1400.00	151.00	211400.00	0.00		0.00	211400.00	0.00	0.00	
41	Erection of pumpset including aligning and balancing with all necessary erection materials and labour including supply and erection of one pair supporting clamps, one borewell cap. Cable clips with bolts, nuts, valves guages etc., involoved in the job (Necessary GI pipe and specials with be supplied by the board at the site free of cost)	Nos	2.00	3000.00	6000.00	2.00	2.00	3000.00	6000.00	0.00		0.00	6000.00	0.00	0.00	
42	Supplying and fixing 20"x20"x2.5" polished wood board made of not less than 15mm thick plank on both sides with planks made out of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws etc.,	Nos	2.00	285.00	570.00	1.00	1.00	285.00	285.00	0.00		0.00	285.00	0.00	285.00	
43	Supplying of LTUG cable having aluminium condutor PVC insulated sheathed, galvnised steel, wire / steel tap armoured cable with PVC outer sheathing 1.1 KV class.P No. 67/ I No. 10(d) 4 core 16 Sqmm KPWD Electrical SR 2007-08	m	120.00	150.00	18000.00	45.00	45.00	150.00	6750.00	0.00		0.00	6750.00	0.00	11250.00	
44	Labour charges for laying of 1.1 K.V class UG cable	m	120.00	8.00	960.00	45.00	45.00	8.00	360.00	0.00		0.00	360.00	0.00	600.00	

Sl. No.	Description of Work	Unit	Qty as per Quoted Rate			Total Executed Qty	Qty. as per Anticipated upto 125%			Qty. as per Anticipated above 125%			Total Amount	Difference		Remarks
			Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amount		excess amount	Savings amount	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
45	Digging or trenching of 0.6 m x 0.5 m wide refilling the trench to the required ground level and consolidating etc., complete as per Civil SR	Rmtr	60.00	60.00	3600.00	45.00	45.00	60.00	2700.00	0.00		0.00	2700.00	0.00	900.00	
46	Supplying and fixing of Class A (mealum duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class	Rmtr	30.00	240.00	7200.00	6.00	6.00	240.00	1440.00	0.00		0.00	1440.00	0.00	5760.00	
47	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C cutouts and other equipments on the meter board using 40 mm dia 2.90 mm thick GI pipe 2.5 m long buried in a pit. The pit should be filled with equal propotion of solt and charocoal 150 mm alround the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size, as per ISI specification 7.3.3 IS 732 using 12 mm dia bolts, nuts, washers and check nuts, etc., the pipe shall have 16 throught holes of 122 mm dia.	Rmtr	4.00	1950.00	7800.00	4.00	4.00	1950.00	7800.00	0.00		0.00	7800.00	0.00	0.00	
48	Supplying and fixing of Porcelain fuse channel with cut out on existing wooden / panel using necessary nuts, bolts and washer etc., complete…	Nos	6.00	120.00	720.00	6.00	6.00	120.00	720.00	0.00		0.00	720.00	0.00	0.00	
49	Providing and fixing in position 50mm nominal bore gun metal non-return valve horizontal type of approved make including cost of all materials, labour and HOM of equipments with all leads complete as per specifications.	Nos	2.00	1114.00	2228.00	2.00	2.00	1114.00	2228.00	0.00		0.00	2228.00	0.00	0.00	
50	Providing NP/CP waste unions conforming to ISI specifications and fixing them in position as per directions including cost of materials, fixtures and conveyance to work spot etc., complete. P. No. 93/ I. No. 13.81.3 PWD SR 2007-08	Nos	2.00	201.40	402.80	2.00	2.00	201.40	402.80	0.00		0.00	402.80	0.00	0.00	
51	Supplying and fixing 50mm dia GI X nipple with ISI mark with all lead and lift loading unloading and labour charges etc coomplete	Nos	2.00	80.00	160.00	2.00	2.00	80.00	160.00	0.00		0.00	160.00	0.00	0.00	
52	Supplying shunt capaitors conforming to IS 2834, 3phase 400/440 volts grade for power factor improvement of rotating machinery, Capacitor in KVAR rating Nos. 2KVAR capacity with all lead and lift =, loading, unloading and labour charges etc complete as per specifications	Nos	2.00	350.00	700.00	2.00	2.00	350.00	700.00	0.00		0.00	700.00	0.00	0.00	
53	Supplying and fixing miniature circuit breakers/solaters on existing MCB distribution boards using necessary fixing materiasl wiring complete as requireds 5 to 30 amps triple pole with all lead and lift, loading, unloading and labour charges etc complete as per specifications	Nos	2.00	1000.00	2000.00	2.00	2.00	1000.00	2000.00	0.00		0.00	2000.00	0.00	0.00	
54	Supplying and delivery at site brand new star / Essen/ Lotus/Sun-shines/Adarsh/ GK Controls best indigenous make combined energy meter - cum- control panel board unit of size 600x450 x200 mm minimum mechanically strong vermin and water proof. The unit shall have two detachable doors suitable for operation on 3 ph, 50Hz, 380/440 volts, A.C supply with spring loaded latch, locking device with a key ribs should be provided inside the door, canopy apron and louvers ventilators shall be provided. the combined energy meter cum- control panel board unit suitable for operation. The panel board shall be fabricated on single unit in the above components for suitable pumpset. 15HP to 30 HP Star Delta Starter	Nos	2.00	65700.00	131400.00	2.00	2.00	65700.00	131400.00	0.00		0.00	131400.00	0.00	0.00	
55	Providing and instalation at site of works P.V.C.Pipes including cost of pipes and specials and incluidng lowring into trenches, laying true to line, level and perfect linking at joints, leak proof including jointing encasing the pipe alround to a depth Not less than 15cm with grave or selected earth avalabile from the execavation Etc.,	m	250.00	253.80	63450.00	0.00	0.00	253.80	0.00	0.00		0.00	0.00	0.00	63450.00	
56	KSRB 13.6.3-6 : Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 50mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications.	Nos	4.00	2781.00	11124.00	4.00	4.00	2781.00	11124.00	0.00		0.00	11124.00	0.00	0.00	
57	Providing and laying wooden floor for batmitun court & Gym room using 50x75mm Runners at the intervals of 0.45 both ways using mathi/sal wood with nailing properly fixing to existing roof concrete and above the Runners the planks of teakwood using tung & groove system with necessary chemicals niles. polishing to be made for the teakwood planks. Approved Rate	Sqm	1080.00	12000.00	12960000.00	828.13	828.13	12000.00	9937507.00	0.00		0.00	9937507.00	0.00	3022493.00	

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			Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amount		excess amount	Savings amount	
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
58	Providing and laying 1.35mm pre painted Galvolume iron Trapezoidal profiled sheet of approved make 1060 mm width (1000 mm cover width), 28-30 mm crest height with crest distance of 200 mm c/c with 2 ribs at the centre for stiffening. The total coated thickness (TCT) of the sheet will be 0.47 mm +/- 0.02 mm tolerance Zinc-Alu Alloy coating AZ150 gsm as per ASTM 1397/A755-550 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 20-22 microns using self drilling/self tapping screws of 25 mm length, to be fixed over the existing purlins, rafters, channels and trusses.. Approved Rate	Sqm	1560.00	2916.00	4548960.00	1032.75	1032.75	2916.00	3011499.00	0.00		0.00	3011499.00	0.00	1537460.00	
59	Supply, installtion, testing and commissioning of filters Commercial Bobin wound filter with 160mm fiange connection - 157 cumtr/hr Filteration velocity 50m3/SEC. Speed 245m3/Hour Make: 2000 mm DIA/CERTIKIN / Aqua LIX (U.K) directions of the Engineer-In-charge of the work	Nos	2.00	535000.00	1070000.00	3.00	2.50	535000.00	1337500.00	0.50	535000.00	267500.00	1605000.00	535000.00	0.00	
60	Supply, installtion, testing and commissioning of VALVE BATTERY Frontal Valve Assembly 160 mm connections with Valve support and Brackets Filtration velocity 50m3/SEC. Speed 245m3/Hour Make: 2000 mm DIA/CERTIKIN / Aqua LIX (U.K) directions of the Engineer-In-charge of the work	Set	2.00	215940.00	431880.00	2.00	2.00	215940.00	431880.00	0.00		0.00	431880.00	0.00	0.00	
61	Supply, installtion, testing and commissioning of RECIRCULATING PUMPS 10 HP monoblock centrifugal pump 400V 3ph discharge:45 LPS at 13m head suction size:150mm, delivery: 150mm includes 1no standby directions of the Engineer-In-charge of the work	Nos	3.00	74290.00	222870.00	3.00	3.00	74290.00	222870.00	0.00		0.00	222870.00	0.00	0.00	
62	Supply, installtion, testing and commissioning of FLOOR INLETS bottom inlet for concrete with S.S. screws made of ABS plastic. Max. flow: 10cum/hr 2 inches threaded fitting directions of the Engineer-In-charge of the work	Nos	50.00	875.00	43750.00	50.00	50.00	875.00	43750.00	0.00		0.00	43750.00	0.00	0.00	
63	Supply, installtion, testing and commissioning of GUTTER GRATINGS Made in white, U.V. Stabilized PP. Width: 245mm, Height : 35mm directions of the Engineer-In-charge of the work	Nos	72.00	3060.00	220320.00	60.00	60.00	3060.00	183600.00	0.00		0.00	183600.00	0.00	36720.00	
64	Supply, installtion, testing and commissioning of MAIN DRAIN GRATING COVER, material : SS 304 500mm x 500mmx6mm thick with slot openings of 6mm directions of the Engineer-In-charge of the work	Nos	2.00	21000.00	42000.00	0.00	0.00	21000.00	0.00	0.00		0.00	0.00	0.00	42000.00	
65	Supply, installtion, testing and commissioning of STAINLESS STEEL PREFILTER 6 inches opening with threaded collar with sight glass, SS sieve, flow:170cum/hr Material: SS 304 directions of the Engineer-In-charge of the work	Nos	3.00	41500.00	124500.00	3.00	3.00	41500.00	124500.00	0.00		0.00	124500.00	0.00	0.00	
66	Supply, installtion, testing and commissioning of SUCTION INLETS ABS plastic, 2 inches external DIA glue type Flow:3.5 cum/hr, with threaded cap directions of the Engineer-In-charge of the work	Nos	50.00	875.00	43750.00	50.00	50.00	875.00	43750.00	0.00		0.00	43750.00	0.00	0.00	
67	Supply, installtion, testing and commissioning of STAINLESS STEEL LADDERS made of SS 316 with pipe dia 38mm with non skid steps with embossed finish or checkered finish overflow model No of steps = 3 directions of the Engineer-In-charge of the work	Nos	2.00	51750.00	103500.00	2.00	2.00	51750.00	103500.00	0.00		0.00	103500.00	0.00	0.00	
68	No of steps = 4 directions of the Engineer-In-charge of the work	Nos	2.00	55315.00	110630.00	2.00	2.00	55315.00	110630.00	0.00		0.00	110630.00	0.00	0.00	
69	No of steps = 5 directions of the Engineer-In-charge of the work	Nos	2.00	66125.00	132250.00	0.00	0.00	66125.00	0.00	0.00		0.00	0.00	0.00	132250.00	
70	Supply, installtion, testing and commissioning of MAINTENANCE KIT COMPRISING OF: a) LEAFE RAKE Deep bag net made in polypropylene and polyester netting butterfly nut connection directions of the Engineer-In-charge of the work	Nos	1.00	2000.00	2000.00	0.00	0.00	2000.00	0.00	0.00		0.00	0.00	0.00	2000.00	
71	Curved brushes made in polypropylene for pool basins and scum liners directions of the Engineer-In-charge of the work	Nos	1.00	2400.00	2400.00	0.00	0.00	2400.00	0.00	0.00		0.00	0.00	0.00	2400.00	
72	Straight brushes made in polypropylene for pool basins and scum liners directions of the Engineer-In-charge of the work	Nos	1.00	2400.00	2400.00	0.00	0.00	2400.00	0.00	0.00		0.00	0.00	0.00	2400.00	
73	Reinforced aluminium telescopic handle 2.4/4.8m with clip connection directions of the Engineer-In-charge of the work	Nos	1.00	4400.00	4400.00	0.00	0.00	4400.00	0.00	0.00		0.00	0.00	0.00	4400.00	
74	Metallic Anodized Aluminium Vacuum head directions of the Engineer-In-charge of the work	Nos	1.00	19700.00	19700.00	0.00	0.00	19700.00	0.00	0.00		0.00	0.00	0.00	19700.00	
75	Extensible handles for cleaning attachments in anodized aluminium which can be adapted to the entire range of cleaning equipment, brushes, leaf skimmers and scoops 10m long directions of the Engineer-In-charge of the work	Nos	1.00	4370.00	4370.00	0.00	0.00	4370.00	0.00	0.00		0.00	0.00	0.00	4370.00	

	Description of Work	Unit	Qty as per Quoted Rate			Total Executed Qty	Qty. as per Anticipated upto 125%			Qty. as per Anticipated above 125%			Total Amount	Difference		Remarks
			Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amount		Excess Qty	Excess Amount	
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
76	Transparent blue plastic vacuum hose 11/2" dia 30mtr slong including hose cuffs for connection to suction inlets directions of the Engineer-In-charge of the work	Nos	1.00	7100.00	7100.00	0.00	0.00	7100.00	0.00	0.00		0.00	0.00	0.00	0.00	
77	Supply, installtion, testing and commissioning of TEST KIT for checking free Chlorine & pHTablet type DPD directions of the Engineer-In-charge of the work	Nos	1.00	1650.00	1650.00	0.00	0.00	1650.00	0.00	0.00		0.00	0.00	0.00	0.00	
78	Supply, installtion, testing and commissioning of POOL CLEANER trolly mounted with 1.5 Hp self priming pump with prefillter, starter and 63mm flexible hose directions of the Engineer-In-charge of the work	Nos	1.00	49000.00	49000.00	0.00	0.00	49000.00	0.00	0.00		0.00	0.00	0.00	0.00	
79	Supply, installtion, testing and commissioning of LANE SEPERATOR ROPES directions of the Engineer-In-charge of the work	Nos	6.00	38500.00	231000.00	0.00	0.00	38500.00	0.00	0.00		0.00	0.00	0.00	0.00	
80	Supply, installtion, testing and commissioning of ANCHOR HOOKS STAINLESS STEEL fixed to end walls for lane ropes directions of the Engineer-In-charge of the work	Nos	12.00	3300.00	39600.00	15.00	15.00	3300.00	49500.00	0.00		0.00	49500.00	3300.00	9900.00	
81	Supply, installtion, testing and commissioning of CONTRL PANNEL WIRING, floor mounted CP, Control of Mtrs, volts meter, 3 Phase indicater System, Change over shutter, ELCB, MCB, Pump, coverage to each indicator relay, cable and conduit with pump engineers specification directions of the Engineer-In-charge of the work	Nos	1.00	100000.00	100000.00	1.00	1.00	100000.00	100000.00	0.00		0.00	100000.00	0.00	0.00	
82	Supply, installtion, testing and commissioning of GAS CHLORINATION SYSTEM vacuum type cylinder mounted gas (DCM) chlorinator capacity 0-500 gms/hr, chlorination system consisting of filter Assembly, Vacuum Regulator, flow meter assembly, control valve assembly, injector assembly including booster pump assembly and piping complete directions of the Engineer-In-charge of the work	Nos	1.00	327750.00	327750.00	0.00	0.00	327750.00	0.00	0.00		0.00	0.00	0.00	0.00	
83	Supply, installtion, testing and commissioning of BUTTERFLY VALVES Wafer type PN 10 STD,replacable EPDM sleeve CI body with SS316 disc a) 10 INCHES directions of the Engineer-In-charge of the work	Nos	2.00	26220.00	52440.00	10.00	2.50	26220.00	65550.00	7.50	26220.00	196650.00	262200.00	209760.00	157320.00	
84	Supply, installtion, testing and commissioning of NON RETURN VALVES Material: gun metal Size: 8 inches directions of the Engineer-In-charge of the work	Nos	2.00	19700.00	39400.00	3.00	2.50	19700.00	49250.00	0.50	19700.00	9850.00	59100.00	9850.00	19700.00	
85	Supply, installtion, testing and commissioning of UPVC PIPES a) 400 MM DIA 6 KG/SQCM directions of the Engineer-In-charge of the work	m	77.00	4900.00	377300.00	77.00	77.00	4900.00	377300.00	0.00		0.00	377300.00	0.00	0.00	
86	d) 63 MM DIA 10KG/SQCM directions of the Engineer-In-charge of the work	m	49.00	260.00	12740.00	61.00	61.00	260.00	15860.00	0.00		0.00	15860.00	3120.00	0.00	
87	e) 160 MM DIA 6 KG/SQCM directions of the Engineer-In-charge of the work	m	220.00	2000.00	440000.00	220.00	220.00	2000.00	440000.00	0.00		0.00	440000.00	0.00	0.00	
88	Supply, installtion, testing and commissioning of UPVC ELBOW 6 KG/SQCM a) 200 MM directions of the Engineer-In-charge of the work	Nos	10.00	4025.00	40250.00	10.00	10.00	4025.00	40250.00	0.00		0.00	40250.00	0.00	0.00	
89	c) 400 MM directions of the Engineer-In-charge of the work	Nos	9.00	26800.00	241200.00	9.00	9.00	26800.00	241200.00	0.00		0.00	241200.00	0.00	0.00	
90	e)160 MM directions of the Engineer-In-charge of the work	Nos	28.00	1650.00	46200.00	28.00	28.00	1650.00	46200.00	0.00		0.00	46200.00	0.00	0.00	
91	Supply, installtion, testing and commissioning of UPVC TEE 6 KG/SQCM a) 200 MM directions of the Engineer-In-charge of the work	Nos	49.00	2750.00	134750.00	49.00	49.00	2750.00	134750.00	0.00		0.00	134750.00	0.00	0.00	
92	c) 400 MM directions of the Engineer-In-charge of the work	Nos	10.00	18055.00	180550.00	10.00	10.00	18055.00	180550.00	0.00		0.00	180550.00	0.00	0.00	
93	e)160 MM directions of the Engineer-In-charge of the work	Nos	7.00	1650.00	11550.00	7.00	7.00	1650.00	11550.00	0.00		0.00	11550.00	0.00	0.00	
94	Supply, installtion, testing and commissioning of UPVC REDUCER 6 KG/SQCM a) 160/400 directions of the Engineer-In-charge of the work	Nos	7.00	20800.00	145600.00	7.00	7.00	20800.00	145600.00	0.00		0.00	145600.00	0.00	0.00	
95	63/160 directions of the Engineer-In-charge of the work	Nos	49.00	1090.00	53410.00	49.00	49.00	1090.00	53410.00	0.00		0.00	53410.00	0.00	0.00	
96	Supply, installtion, testing and commissioning of STARTING BLOCKS FIBREGLASS 400 mm height non slip finish 0.5x 0.5m with nos 1 to 9 with anchoring fixtures directions of the Engineer-In-charge of the work	Nos	6.00	26220.00	157320.00	0.00	0.00	26220.00	0.00	0.00		0.00	0.00	0.00	157320.00	
97	Providing and fixing of white colour vitreous China clay,water closet European type (pedestal type, P-trap) with black solid plastic seat and lid, C.P brass hinges, rubber buffers. 10 litre low level,PVC flush cistern (all are approved make) with fitting CI/MS brackets, 40mm diameter flush bend with fittings and clamp, overflow arrangements with special and 25mm mosquite proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specification No. KBS 11 (P.no74,it no.12.5)	Nos	10.00	5540.00	55400.00	10.00	10.00	5540.00	55400.00	0.00		0.00	55400.00	0.00	0.00	

	Description of Work	Unit	Qty as per Quoted Rate			Total Executed Qty	Qty. as per Anticipated upto 125%			Qty. as per Anticipated above 125%			Total Amount	Difference		Remarks
			Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amount		excess amount	Savings amount	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
98	Providing and fixing of white colour vetreous China clay flat back. lipped front urinal basin of 430x260x350mm with 5 litres PVC automatic flushing cistern, CI /MS brackets, standard flush pipe and CP brass spreaders with brass unions and GI clamps complete painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specification No. KBS 11(P.no 75,It no.12.7)	Nos	5.00	3204.36	16021.80	6.00	6.00	3204.36	19226.16	0.00		0.00	19226.16	3205.36	0.00	
99	Providing and fixing of white colour vetreous China clay flat back wash basin size 630x450mm with a single 15mm CP brass piller tap with CI / MS brackets, 32 mm CP brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specification No. KBS 11 (P.no78 It.no.12.24)	Nos	10.00	3247.56	32475.60	10.00	10.00	3247.56	32475.60	0.00		0.00	32475.60	0.00	0.00	
100	Providing and fixing 600x450mm bevel lead edge mirror of superior glass with 6mm hard board backing and fixed to wooden cleats with CP screws, washers, including cost of materials, labour complete as per specifications.(P.no 79,It no.12.39)	Nos	10.00	1351.08	13510.80	0.00	0.00	1351.08	0.00	0.00		0.00	0.00	0.00	13510.80	
101	Providing and fixing C.P brass towel rail 740mm length, 20 mm dia with C.P brackets, fixed to wooden cleats with C.P brass screws including cost of materials, labour complete as per specification.(P.no 80,It no.12.45)	Nos	10.00	845.64	8456.40	0.00	0.00	845.64	0.00	0.00		0.00	0.00	0.00	8456.40	
102	Providing and fixing 15mm dia Bib Cock	Nos	30.00	180.00	5400.00	11.00	11.00	180.00	1980.00	0.00		0.00	1980.00	0.00	3420.00	
103	Providing and fixing Brass Union 15mm nominal bore with PVC Connection pipe 300mm length	Nos	30.00	160.00	4800.00	0.00	0.00	160.00	0.00	0.00		0.00	0.00	0.00	4800.00	
104	Providing and fixing in position brass stop cock of approved quality of as per dia nominal bore including cost of all materials,labour and HOM of equipments with all leads complete as per specifications. 20mm nominal bore	Nos	30.00	172.80	5184.00	41.00	37.50	172.80	6480.00	3.50	155.31	543.59	7023.59	1839.59	0.00	
105	Providing and fixing in position brass bib cock of approved quality of as per dia nominal bore including cost of all materials,labour and HOM of equipments with all leads complete as per specifications. 15mm nominal bore	Nos	15.00	249.48	3742.20	10.00	10.00	249.48	2494.80	0.00		0.00	2494.80	0.00	1247.40	
106	Providing & fixing Chorinated Poly Venyl(CPVC) pipes confirming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings, this includes jointing of pipes and fittings with one step solvent cement, trenching, refilling and testing of joints complete.25mm nominal pipe	m	150.00	178.20	26730.00	436.50	187.50	178.20	33412.50	249.00	178.20	44371.80	77784.30	51054.30	0.00	
107	Providing & fixing Chorinated Poly Venyl(CPVC) pipes confirming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings, this includes jointing of pipes and fittings with one step solvent cement, trenching, refilling and testing of joints complete.(Burried). 50mm nominal OD Pipe	m	10.00	486.00	4860.00	10.00	10.00	486.00	4860.00	0.00		0.00	4860.00	0.00	0.00	
108	Providing & fixing Chorinated Poly Venyl(CPVC) pipes confirming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings, this includes jointing of pipes and fittings with one step solvent cement, trenching, refilling and testing of joints complete.(Burried). 100mm Nominal OD Pipe	m	10.00	2570.40	25704.00	10.00	10.00	2570.40	25704.00	0.00		0.00	25704.00	0.00	0.00	
109	Providing and fixing water meter with stop cock, jam nut, socket in G.I pipe line including cutting and threading the pipe and making long screws including cost of all materials, labour , HOM of equipments and testing complete as per specificationsKSRB(Pag no 88. Itm 13.22)	Nos	1.00	1423.44	1423.44	0.00	0.00	1423.44	0.00	0.00		0.00	0.00	0.00	1423.44	
110	Providing and fixing in position brass ball valve high or low pressure with plastic float of approved quality below nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specification25mm nominal Dia	Nos	1.00	654.48	654.48	0.00	0.00	654.48	0.00	0.00		0.00	0.00	0.00	654.48	
111	Providing and fixing in position brass Gate valve with CI wheel of approved quality (screwed end) below nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specification.50mm Nominal Dia	Nos	4.00	2216.16	8864.64	15.00	5.00	2216.16	11080.80	10.00	1915.49	19154.95	30235.75	21371.11	0.00	
112	Providing and fixing in position brass Gate valve with CI wheel of approved quality (screwed end) below nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specification 25mm dia	Nos	4.00	648.00	2592.00	10.00	5.00	648.00	3240.00	5.00	494.57	2472.85	5712.85	3120.85	0.00	
113	Providing and fixing in position brass Gate valve with CI wheel of approved quality (screwed end) below nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specification.80mm dia	Nos	4.00	3303.72	13214.88	0.00	0.00	3303.72	0.00	0.00		0.00	0.00	0.00	13214.88	

	Description of Work	Unit	Qty as per Quoted Rate			Total Executed Qty	Qty. as per Anticipated upto 125%			Qty. as per Anticipated above 125%			Total Amount	Difference		Remarks
			Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amount		excess amount	Savings amount	
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
114	Providing and fixing to wall,ceiling and floor high density polyethlne pipes 6.00kgf/sq.cm working pressure 75& 110 mm out side diameter with speicial flange ,compression type fitting,wall clips,making good the wall celing and floor , including cost of all materils labour chargs , HOM of quipment and testing complete as per specificatiion 50mm dia	m	100.00	373.58	37358.00	165.30	125.00	373.58	46698.00	40.30	361.29	14560.00	61258.00	23900.00	0.00	
115	Providing and fixing to wall,ceiling and floor high density polyethlne pipes 6.00kgf/sq.cm working pressure 75& 110 mm out side diameter with speicial flange ,compression type fitting,wall clips,making good the wall celing and floor , including cost of all materils labour chargs , HOM of quipment and testing complete as per specificatiion 90mm dia	m	100.00	616.68	61668.00	100.00	100.00	616.68	61668.00	0.00		0.00	61668.00	0.00	0.00	
116	Providing and fixing to wall,ceiling and floor high density polyethlne pipes 6.00kgf/sq.cm working pressure 75& 110 mm out side diameter with speicial flange ,compression type fitting,wall clips,making good the wall celing and floor , including cost of all materils labour chargs , HOM of quipment and testing complete as per specificatiion 140mm dia	m	100.00	774.36	77436.00	176.75	125.00	774.36	96795.00	51.75	774.36	40073.13	136868.13	59432.13	0.00	
117	Providing and fixing CI Nahani trap of approved make conforming to ISI specifications and construction of Cistern in M-15 as per directions (Rate is inclusive of cost of materials and fixtures and conveyance of materials to work spot).10 cmsx 7.5	Nos	30.00	270.00	8100.00	42.00	37.50	270.00	10125.00	4.50	270.00	1215.00	11340.00	3240.00	0.00	
118	Providing and fixing 7.5 cms to 15.00 cms dia NP granting 100 mm dia Pag no 85. Itm 12.111 -	Nos	30.00	172.80	5184.00	42.00	37.50	172.80	6480.00	4.50	165.22	743.51	7223.51	2039.51	0.00	
119	Constructing brick masonry inspection chamber 600x600mm, and 450mm depth, (clear inside dimension) for pipeline with one or two inlets, using table mounted non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover with frame (light duty) 600x 600mm internal dimensions, total weight of cover 23kg and weight of frame 15kg) R.C.C top slab with cement concrete 1:2:4 mix 20mm and downsize granite metal, foundation concrete 1:5:10 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finished smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications Pag no 70. Itm 11.50.1	Nos	10.00	7604.00	76040.00	7.00	7.00	7604.00	53228.00	0.00		0.00	53228.00	0.00	22812.00	
120	providing and fixing on wall surface 4 kg/sq.cm HDPE rain down water pipes 110mm outer dia approved make and brand with necessary specials like shoes, bends and offsets fixed with iron clamps, wall plugs, screws, including cost of materials, labour, complete as per specifications P.No.47item No.8.19	m	300.00	613.44	184032.00	300.00	300.00	613.44	184032.00	0.00		0.00	184032.00	0.00	0.00	
121	Providing & fixing of glazed Openable Window made out of multi chambered uPVC sections with TPV gaskets having isolated drainage and reinforced with Galvanixed iron profiles throuhout the window. The outer frame having a overall size of 60x55 mm with reinforcement of 1 mm thickness, mullion with overall size of 74x60 mm with reinforcement of 1 mm and sash with overall size of 75x60 mm with reinforcement of 1.5 mm thickness. Glazing bead for fixing of glass shall be of size 34x20 mm and coextruded with gasket. Windows shall be provided with 5mm plain float glass, standard hardware & single point locking system of flush lock, Wall thickness of frame, mullion & sash shall be 2-2.2 mm.	Sqm	87.60	7560.00	662256.00	9.91	9.91	7560.00	74889.36	0.00		0.00	74889.36	0.00	587366.64	
122	PART A:- SUBSTATION EQUIPMENT Supply and erection of 11Mtr Spun Pole including earth work etc,. complete as per the standard technical specification directions of the Engineer-In-charge of the work	Each	1.00	22957.00	22957.00	1.00	1.00	22957.00	22957.00	0.00		0.00	22957.00	0.00	0.00	
123	Supply And Fixing of Single Pole Mounted Transformer Kit for 100/250KVA on 11Mtr Spun Pole etc. complete as per the standard technical specification of directions of the Engineer-In-charge of the work	Each	1.00	31800.00	31800.00	1.00	1.00	31800.00	31800.00	0.00		0.00	31800.00	0.00	0.00	
124	Supplying and Fixing including all Hardware's etc. complete as per the standard technical specification directions of the Engineer-In-charge of the work 5.8.8) GOS Set 200 Amps Single break	Each	1.00	9840.00	9840.00	1.00	1.00	9840.00	9840.00	0.00		0.00	9840.00	0.00	0.00	
125	Supplying and Fixing including all Hardware's etc. complete as per the standard technical specification directions of the Engineer-In-charge of the work5.8.1) H Frame Set	Each	1.00	4560.00	4560.00	1.00	1.00	4560.00	4560.00	0.00		0.00	4560.00	0.00	0.00	
126	Supply and fixing of cross arm including all Hardware's complete as per the standard technical specification 5.4.3) Horizontal. 50x450x6mm - 980mm directions of the Engineer-In-charge of the work	Each	2.00	562.00	1124.00	2.00	2.00	562.00	1124.00	0.00		0.00	1124.00	0.00	0.00	
127	Supplying and Fixing including all Hardware's etc. complete as per the standard technical specification 5.9.4) Disc Insulator 70/90 KN directions of the Engineer-In-charge of the work	Each	6.00	540.00	3240.00	6.00	6.00	540.00	3240.00	0.00		0.00	3240.00	0.00	0.00	

Sl. No.	Description of Work	Unit	Qty as per Quoted Rate			Total Executed Qty	Qty. as per Anticipated upto 125%			Qty. as per Anticipated above 125%			Total Amount	Difference		Remarks
			Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amount		excess amount	Savings amount	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
128	Supplying and Fixing including all Hardware's etc. complete as per the standard technical specification 5.9.3)11 KV Pin Insulator directions of the Engineer-In-charge of the work	Each	6.00	114.00	684.00	6.00	6.00	114.00	684.00	0.00		0.00	684.00	0.00	0.00	
129	Supplying and Fixing including all Hardware's etc. complete as per the standard technical specification 5.8.8)HT ST Support 50x8 mmdirections of the Engineer-In-charge of the work	Each	2.00	172.00	344.00	2.00	2.00	172.00	344.00	0.00		0.00	344.00	0.00	0.00	
130	Supply and fixing of cross arm including all Hardware's complete as per the standard technical specification 5.4.1)4 Pin 45x45x5mm -1110mm directions of the Engineer-In-charge of the work	Each	4.00	461.00	1844.00	4.00	4.00	461.00	1844.00	0.00		0.00	1844.00	0.00	0.00	
131	Supplying and Fixing including all Hardware's etc. complete as per the standard technical specification 5.8.10)Horn Gap Fuse Unit (H.G.) directions of the Engineer-In-charge of the work	Each	1.00	1320.00	1320.00	1.00	1.00	1320.00	1320.00	0.00		0.00	1320.00	0.00	0.00	
132	Supplying and Fixing including all Hardware's etc. complete as per the standard technical specification 5.8.12)Lightning Arrestor 9KV 5kA polymeric type. directions of the Engineer-In-charge of the work	Each	1.00	4250.00	4250.00	1.00	1.00	4250.00	4250.00	0.00		0.00	4250.00	0.00	0.00	
133	Supplying erection, testing and commissioning of 11kV Load Break Switch with 4 wire- (with Neutral) Metering cubicle and connected accessories, hardware's etc. suitable for outdoor type complete as per latest IS standard technical specification. LBS should be approved by BESCOM System :11KV, 3PH, 50HZ. Fault level: 350 MVA. Installation : OUTDOOR. a.Onload AIR BREAK switch with fuse trip mechanism.,3P,400A, 12KV,18.4 KA, 350MVA - 1 no b.11KV HRC Fuses with triping striker pin suitable Amps - 3nos c.Aluminium busbar, suitable rating 3 Phase,Air insulated with heat shrinkable sleevs - 1set d.Earth 25X3 mm Tin coated copper busbar - 1set e.Busbar supports resin cast with 33KV die electric and mechanical	Each	1.00	319987.00	319987.00	1.00	1.00	319987.00	319987.00	0.00		0.00	319987.00	0.00	0.00	
134	Caution/Danger Board as per Drawing No. BESCOM/GM/CP/40/Dt: 24.10.07 directions of the Engineer-In-charge of the work	Nos	2.00	163.00	326.00	0.00	0.00	163.00	0.00	0.00		0.00	0.00	0.00	326.00	
135	GI Pipes B - Class GI Pipe - 150 mm Dia Dia 768058 directions of the Engineer-In-charge of the work	m	10.00	1144.00	11440.00	10.00	10.00	1144.00	11440.00	0.00		0.00	11440.00	0.00	0.00	
136	TRANSFORMER:- Supplying, erecting, testing and commissioning of .... KVA capacity Copper wound Distribution Transformer 11KV/433V with Off Load Tap Switch, Buchholtz relay winding temperature indicator, oil temperature indicator, marshalling box with wiring, magnetic oil level indicator with +5% to-10% Steps of 2.5% with HT and LT cable end boxes including all standard accessories as per latest IS standard technical specification. 8.10.2) 100 KVA directions of the Engineer-In-charge of the work	Each	1.00	328700.00	328700.00	1.00	1.00	328700.00	328700.00	0.00		0.00	328700.00	0.00	0.00	
137	LT KIOSK:- LT Distribution Box for 63/100 KVA Transformer with 1No 160Amps 25kA 4Pole MCCB, suitable capacity aluminum bus bar mounted in 16SWG powder coated M.S.Box suitable to mount at Transformer Centre directions of the Engineer-In-charge of the work	Set	1.00	18270.00	18270.00	1.00	1.00	18270.00	18270.00	0.00		0.00	18270.00	0.00	0.00	
138	B. EARTHING SYSTEM Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit ... The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 122 mm dia directions of the Engineer-In-charge of the work	Each	6.00	2727.00	16362.00	6.00	6.00	2727.00	16362.00	0.00		0.00	16362.00	0.00	0.00	
139	Supplying fixing and wiring earth electrode for grounding of lifts, transformers, DG sets etc. using 40mm dia 2.9mm thick 2.5 mtr long GI pipe with GI funnel with mesh and suitable size reducer fixed on the top of the earth electrode. The funnel should be enclosed in a CC chamber of 400x400x400mm with a cast iron cover. The earth electrode shall have staggered holes of 12mm dia and the electrode should be covered 150mm all-round with alternate layers of salt and charcoal from the bottom of the CC chamber. The connection from the electrode is to be established through GI strip using GI bolts and nuts. directions of the Engineer-In-charge of the work	Each	8.00	4317.00	34536.00	8.00	8.00	4317.00	34536.00	0.00		0.00	34536.00	0.00	0.00	

	Description of Work	Unit	Qty as per Quoted Rate			Total Executed Qty	Qty. as per Anticipated upto 125%			Qty. as per Anticipated above 125%			Total Amount	Difference		Remarks
			Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amount		excess amount	Savings amount	
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
140	Supplying and running of Copper strips for grounding connections, using necessary fixing materials as required. 25x3mm Copper strip directions of the Engineer-In-charge of the work	m	17.00	523.00	8891.00	17.00	17.00	523.00	8891.00	0.00		0.00	8891.00	0.00	0.00	
141	Supplying and running of Copper strips for grounding connections, using necessary fixing materials as required. 25x6mm Copper strip directions of the Engineer-In-charge of the work	m	12.00	1018.00	12216.00	12.00	12.00	1018.00	12216.00	0.00		0.00	12216.00	0.00	0.00	
142	Supplying and running of Copper strips for grounding connections, using necessary fixing materials as required.600x600x3mm plate directions of the Engineer-In-charge of the work	m	4.00	7148.00	28592.00	4.00	4.00	7148.00	28592.00	0.00		0.00	28592.00	0.00	0.00	
143	Supplying and running of GI strips for grounding connections, using necessary fixing materials as required. 25x3mm GI strip directions of the Engineer-In-charge of the work	m	109.00	77.00	8393.00	105.00	105.00	77.00	8085.00	0.00		0.00	8085.00	0.00	308.00	
144	Supplying and running of GI strips for grounding connections, using necessary fixing materials as required. 40x6mm GI strip directions of the Engineer-In-charge of the work	m	20.00	166.00	3320.00	20.00	20.00	166.00	3320.00	0.00		0.00	3320.00	0.00	0.00	
145	Supplying and running of GI strips for grounding connections, using necessary fixing materials as required. 600x600x3mm GI Plate directions of the Engineer-In-charge of the work	m	4.00	784.00	3136.00	4.00	4.00	784.00	3136.00	0.00		0.00	3136.00	0.00	0.00	
146	Supplying and running GI/Copper conductor for grounding and (along with other wires in conduit system of wiring) using necessary suitable size clamps, nails, guttas/spacers etc. GI Wire 8 SWG directions of the Engineer-In-charge of the work	m	35.00	19.50	682.50	35.00	35.00	19.50	682.50	0.00		0.00	682.50	0.00	0.00	
147	PART C:-L.T Panel boards and distribution boards 1.0) Main LT Panel "Fabricating supplying and mounting MS box made out ... SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete. 6.40.1) 14SWG" directions of the Engineer-In-charge of the work	Sqcm	173440.00	0.37	64172.80	255835.00	216800.00	0.37	80216.00	39035.00	0.44	17198.70	97414.70	33241.90	0.00	
148	Supplying and fixing angle iron frame work fabricated out of M.S. angle iron.. and M.S. flat ... with bolts, washers etc., and painted with 2 coats of red oxide and then two coats of approved paint. 6.39.5) 75x150x75x6mm C channel directions of the Engineer-In-charge of the work	m	5.00	791.00	3955.00	5.00	5.00	791.00	3955.00	0.00		0.00	3955.00	0.00	0.00	
149	Supplying and fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using necessary screws, bolts, nuts and wiring complete. Protection of Overload and Short circuit with thermal Magnetic/Micro processor release and Earth Fault as per IS-13947. (Icu = Ics) FOUR POLE 200Amps 35kA.(Incoming) directions of the Engineer-In-charge of the work	nos	1.00	14592.00	14592.00	1.00	1.00	14592.00	14592.00	0.00		0.00	14592.00	0.00	0.00	
150	Supplying and fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using necessary screws, bolts, nuts and wiring complete. Protection of Overload and Short circuit with thermal Magnetic/Micro processor release and Earth Fault as per IS-13947. (Icu = Ics) FOUR POLE125-160Amps 25kA.(Outgoing) directions of the Engineer-In-charge of the work	nos	3.00	7372.00	22116.00	3.00	3.00	7372.00	22116.00	0.00		0.00	22116.00	0.00	0.00	
151	Supplying and fixing of Shunt trip suitable for MCCB.CBCT. directions of the Engineer-In-charge of the work	nos	4.00	1486.00	5944.00	4.00	4.00	1486.00	5944.00	0.00		0.00	5944.00	0.00	0.00	
152	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 5-32Amps SP directions of the Engineer-In-charge of the work	nos	3.00	418.00	1254.00	3.00	3.00	418.00	1254.00	0.00		0.00	1254.00	0.00	0.00	
153	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 6.16. 5-32Amps TPN (Outgoing) directions of the Engineer-In-charge of the work	nos	6.00	1547.00	9282.00	6.00	6.00	1547.00	9282.00	0.00		0.00	9282.00	0.00	0.00	
154	Supplying and fixing of LED type panel board indicating lamp with required colour suitable for 220v A.C. 50 Hz 12/24v D.C. directions of the Engineer-In-charge of the work	nos	3.00	442.00	1326.00	3.00	3.00	442.00	1326.00	0.00		0.00	1326.00	0.00	0.00	

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			Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amount		excess amount	savings amount	
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
155	Supplying, fixing and wiring 0 to 600Volts 96x96mm AC Voltmeter on existing panel/wood board. directions of the Engineer-In-charge of the work	Each	1.00	390.00	390.00	1.00	1.00	390.00	390.00	0.00		0.00	390.00	0.00	0.00	
156	Supplying, fixing and wiring rotary selector switch suitable for Voltmeter. directions of the Engineer-In-charge of the work	Each	1.00	190.00	190.00	1.00	1.00	190.00	190.00	0.00		0.00	190.00	0.00	0.00	
157	Supplying, fixing and wiring 0 to 1500amps CT operated AC analog type Ammeter without CT directions of the Engineer-In-charge of the work	Each	1.00	415.00	415.00	1.00	1.00	415.00	415.00	0.00		0.00	415.00	0.00	0.00	
158	Supplying, fixing and wiring rotary selector switch suitable for Ammeter. directions of the Engineer-In-charge of the work	Each	1.00	172.00	172.00	1.00	1.00	172.00	172.00	0.00		0.00	172.00	0.00	0.00	
159	Supplying of multi function digital meter with three line back light LCD type display for voltage, Current, frequency, Power, power factor, KVA, KWH,KVAR suitable for 3 phase, 4 wire LT network with IP 54 degree of protection and completely wired as required with communication Port and Class 0.5s accuracy. directions of the Engineer-In-charge of the work	Each	1.00	8003.00	8003.00	1.00	1.00	8003.00	8003.00	0.00		0.00	8003.00	0.00	0.00	
160	Supplying, fixing and wiring 50/5 to 400/5Amps 5VA burden Current Transformer. Class 0.5 accuracy with Tape Wound. directions of the Engineer-In-charge of the work	Each	3.00	483.00	1449.00	3.00	3.00	483.00	1449.00	0.00		0.00	1449.00	0.00	0.00	
161	Supplying, fixing and wiring earth leakage relay with core balanced current transformer suitable for single phase 50 Hz AC with latest microcontroller based, digital readout of percentage leakage current, programmable delay/auto/manual reset facility suitable to mount on DIN rail/ flush mounting on panel board. directions of the Engineer-In-charge	Each	1.00	7998.00	7998.00	1.00	1.00	7998.00	7998.00	0.00		0.00	7998.00	0.00	0.00	
162	Supplying amps rated 3phase with neutral bus bar using required capacity electrolytic aluminum strips covered with heat shrinkable coloured PVC sleeve, mounted on phenolic/FRP/DMC insulator which are mounted on powder coated 40x6mm M.S.flat frame work in existing panel board. The bus bar shall have suitable holes for termination of incoming and outgoing cables as per IS specification with necessary bolts, nuts and washers etc., complete. 6.38.2) 250Amps 4x30x10mm Aluminum Strips directions of the Engineer-In-charge of the work	m	3.00	2942.00	8826.00	3.00	3.00	2942.00	8826.00	0.00		0.00	8826.00	0.00	0.00	
163	Supply and fixing of 4pole power contactor with NO/NC contacts on existing wood/panel board using necessary bolts, nuts, washers and wiring etc., complete with AC-3 Rating and as per IS-13947.6.12.1) 25Amps directions of the Engineer-In-charge of the work	Each	4.00	1303.00	5212.00	4.00	4.00	1303.00	5212.00	0.00		0.00	5212.00	0.00	0.00	
164	Supplying, fixing and wiring heavy duty low voltage capacitors conforming to IS 2834. 3 phase, 400/440 volts grade, for power factor improvement of rotating machinery. directions of the Engineer-In-charge of the work	Nos	20.00	414.00	8280.00	20.00	20.00	414.00	8280.00	0.00		0.00	8280.00	0.00	0.00	
165	Supplying, fixing and wiring Automatic Power Factor controller fully, static units controlled by 14 stage microprocessor operation, relays LED display, self programming function for power stages and operating logic checking facility for healthy and efficient of each individual capacitor bank, measurement of network harmonics with indication when limit values are exceeded, Comprehensive displays with large, three place LED display, Long term memory for settings, protection for over voltage, power factor correction fault and no voltage, to connect / disconnect banks, with automatic recognition or with standard programs. directions of the Engineer-In-charge of the work	Each	1.00	18660.00	18660.00	1.00	1.00	18660.00	18660.00	0.00		0.00	18660.00	0.00	0.00	
166	Supplying and fixing angle iron frame work fabricated out of M.S. angle iron.. and M.S. flat ... with bolts, washers etc., and painted with 2 coats of red oxide and then two coats of approved paint. 6.39.5) 75x150x75x6mm C channel directions of the Engineer	m	5.00	791.00	3955.00	5.00	5.00	791.00	3955.00	0.00		0.00	3955.00	0.00	0.00	
167	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 5-32Amps SP directions of the Engineer-In-charge of the work	Each	3.00	418.00	1254.00	3.00	3.00	418.00	1254.00	0.00		0.00	1254.00	0.00	0.00	
168	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 40-63 Amps TPN (Outgoing) directions of the Engineer-In-charge of the work	Each	6.00	1936.00	11616.00	6.00	6.00	1936.00	11616.00	0.00		0.00	11618.00	0.00	0.00	
169	Supplying and fixing of LED type panel board indicating lamp with required colour suitable for 220v A.C. 50 Hz 12/24v D.C. directions of the Engineer-In-charge of the work	Each	3.00	442.00	1326.00	3.00	3.00	442.00	1326.00	0.00		0.00	1326.00	0.00	0.00	

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			Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amount		excess amount	Savings amount	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
170	Supplying, fixing and wiring 0 to 600Volts 96x96mm AC Voltmeter on existing panel/wood board. directions of the Engineer-In-charge of the work	Each	1.00	390.00	390.00	1.00	1.00	390.00	390.00	0.00		0.00	390.00	0.00	0.00	
171	Supplying, fixing and wiring rotary selector switch suitable for Voltmeter. directions of the Engineer-In-charge of the work	Each	1.00	140.00	140.00	1.00	1.00	140.00	140.00	0.00		0.00	140.00	0.00	0.00	
172	Supplying, fixing and wiring 0 to 1500amps CT operated AC analog type Ammeter without CT directions of the Engineer-In-charge of the work	Each	1.00	415.00	415.00	1.00	1.00	415.00	415.00	0.00		0.00	415.00	0.00	0.00	
173	Supplying, fixing and wiring rotary selector switch suitable for Ammeter. directions of the Engineer-In-charge of the work	Each	1.00	172.00	172.00	1.00	1.00	172.00	172.00	0.00		0.00	172.00	0.00	0.00	
174	Supplying, fixing and wiring 50/5 to 400/5Amps 5VA burden Current Transformer. Class 0.5 accuracy with Tape Wound. directions of the Engineer-In-charge of the work	Each	3.00	483.00	1449.00	3.00	3.00	483.00	1449.00	0.00		0.00	1449.00	0.00	0.00	
175	Supplying of multi function digital meter with three line back light LCD type display for voltage, Current, frequency, Power, power factor, KVA, KWH,KVAR suitable for 3 phase, 4 wire LT network with IP 54 degree of protection and completely wired as required with communication Port and Class 0.5s accuracy. directions of the Engineer-In-charge of the work	Each	1.00	8003.00	8003.00	1.00	1.00	8003.00	8003.00	0.00		0.00	8003.00	0.00	0.00	
176	Supplying fully automatic star-delta starter unit push button type with suitable wires, 3 contactors, one adjustable thermal timer mounted on a common base plate held in steel enclosure for use on 400/440 volts 3 phase and wired after fixing to the existing wooden board for motor. 6.2.1) Upto 12.5 HP directions of the Engineer-In-charge of the work	Each	4.00	6583.00	26332.00	4.00	4.00	6583.00	26332.00	0.00		0.00	26332.00	0.00	0.00	
177	Supplying amps rated 3phase with neutral bus bar using required capacity electrolytic aluminum strips covered with heat shrinkable coloured PVC sleeve, mounted on phenolic/FRP/DMC insulator which are mounted on powder coated 40x6mm M.S.flat frame work in existing panel board. The bus bar shall have suitable holes for termination of incoming and outgoing cables as per IS specification with necessary bolts, nuts and washers etc., complete. 6.38.2) 250Amps 4x30x10mm Aluminum Strips directions of the Engineer-In-charge of the work	m	5.00	2942.00	14710.00	5.00	5.00	2942.00	14710.00	0.00		0.00	14710.00	0.00	0.00	
178	3.0) MCB Distribution Boards Supplying and fixing regular MCB distribution boards on wall / wood board / flush mounting using required clamps, bolts, nuts etc., with provision for fixing suitable type capacity MCB's single phase / 3 phase / single door with powder coated painting. Made out of 14 SWG MS enclosure.III - Double Door 6.17.7) 4Way TP &N directions of the Engineer-In-charge of the work	Each	3.00	2399.00	7197.00	3.00	3.00	2399.00	7197.00	0.00		0.00	7197.00	0.00	0.00	
179	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 5-32 Amps TPN directions of the Engineer-In-charge of the work	Each	3.00	1547.00	4641.00	3.00	3.00	1547.00	4641.00	0.00		0.00	4641.00	0.00	0.00	
180	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 5-32 Amps SP directions of the Engineer-In-charge of the work	Each	36.00	418.00	15048.00	36.00	36.00	418.00	15048.00	0.00		0.00	15048.00	0.00	0.00	
181	PART D:-SUBMAINS CIRCUIT MAINS/POWER WIRING Open Conduit System Supplying heavy gauge PVC conduit pipe .dia mm thick confirming to IS 2509 with suitable size bends, junction boxes, adhesive paste etc., and fixing using inverted wood plugs in case of RCC ceiling and RCC wall / stone structure or rawl plugs in case of brick walls and cement plastering the damaged portion using heavy gauge saddles at an interval of 700mm using NF screws. 19/20mm dia 2mm thick directions of the Engineer-In-charge of the work	m	469.00	54.00	25326.00	466.00	466.00	54.00	25164.00	0.00		0.00	25164.00	0.00	162.00	
182	Open Conduit System Supplying heavy gauge PVC conduit pipedia .mm thick confirming to IS 2509 with suitable size bends, junction boxes, adhesive paste etc., and fixing using inverted wood plugs in case of RCC ceiling and RCC wall / stone structure or rawl plugs in case of brick walls and cement plastering the damaged portion using heavy gauge saddles at an interval of 700mm using NF screws. 25mm dia 2mm thick directions of the Engineer-In-charge of the work	m	282.00	70.00	19740.00	141.00	141.00	70.00	9870.00	0.00		0.00	9870.00	0.00	9870.00	

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			Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amount		excess amount	Savings amount	
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
183	Open Conduit System Supplying heavy gauge PVC conduit pipe dia mm thick confirming to IS 2509 with suitable size bends, junction boxes, adhesive paste etc., and fixing using inverted wood plugs in case of RCC ceiling and RCC wall / stone structure or rawl plugs in case of brick walls and cement plastering the damaged portion using heavy gauge saddles at an interval of 700mm using NF screws. 32mm dia 2.5mm thick directions of the Engineer-In-charge of the work	m	162.00	100.00	16200.00	81.00	81.00	100.00	8100.00	0.00		0.00	8100.00	0.00	8100.00	
184	Concealed Conduit System Supplying heavy gauge PVC conduit pipe mm dia .mm thick confirming to IS 2509 with suitable size bends, metal/PVC junction boxes, adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fish wire wherever necessary	m	408.00	43.00	17544.00	408.00	408.00	43.00	17544.00	0.00		0.00	17544.00	0.00	0.00	
185	Concealed Conduit System Supplying heavy gauge PVC conduit pipe mm dia mm thick confirming to IS 2509 with suitable size bends, metal/PVC junction boxes, adhesive paste etc , and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fish wire wherever necessary25mm dia 2mm thick directions of the Engineer-In-charge of the work	m	1453.00	57.00	82821.00	1469.00	1469.00	57.00	83733.00	0.00		0.00	83733.00	912.00	0.00	
186	Concealed Conduit System Supplying heavy gauge PVC conduit pipe mm dia mm thick confirming to IS 2509 with suitable size bends, metal/PVC junction boxes, adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fish wire wherever necessary32mm dia 2.5mm thick directions of the Engineer-In-charge of the work	m	282.00	90.00	25380.00	282.00	282.00	90.00	25380.00	0.00		0.00	25380.00	0.00	0.00	
187	Groove cutting :- Concealed Conduit System Supplying heavy gauge PVC Conduit Pipe dia .mm thick with suitable size bends, metal junction boxes adhesive paste etc., by groove cutting in the wall and fixing by bracing U or J hooks and cement plastering up to the wall surface and run with 18 SWG GI fish wire run throughout the conduit wherever necessary. 19/20mm dia 2mm thick directions of the Engineer-In-charge of the work	m	10.00	56.00	560.00	10.00	10.00	56.00	560.00	0.00		0.00	560.00	0.00	0.00	
188	Groove cutting:- Concealed Conduit System Supplying heavy gauge PVC Conduit Pipe .dia mm thick with suitable size bends, metal junction boxes adhesive paste etc., by groove cutting in the wall and fixing by bracing U or J hooks and cement plastering up to the wall surface and run with 18 SWG GI fish wire run throughout the conduit wherever necessary.25mm dia 2mm thick directions of the Engineer-In-charge of the work	m	750.00	58.00	43500.00	425.00	425.00	58.00	24650.00	0.00		0.00	24650.00	0.00	18850.00	
189	Groove cutting:- Concealed Conduit System Supplying heavy gauge PVC Conduit Pipe .dia mm thick with suitable size bends, metal junction boxes adhesive paste etc., by groove cutting in the wall and fixing by bracing U or J hooks and cement plastering up to the wall surface and run with 18 SWG GI fish wire run throughout the conduit wherever necessary.32mm dia 2.5mm thick directions of the Engineer-In-charge of the work	m	400.00	88.00	35200.00	227.00	227.00	88.00	19976.00	0.00		0.00	19976.00	0.00	15224.00	
190	Supplying and wiring adopting loop system in existing PVC Conduit / casing capping using 1100V grade, COPPER conductor flexible multistrand FRLS PVC insulated, 2 X1.5Sq.mm Cable confirming to the GTP, with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet / gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet. GROUP A Short point upto 3Mtr from tapping point to out let via switch directions of the Engineer-In-charge of the work	m	13.00	174.00	2262.00	10.00	10.00	174.00	1740.00	0.00		0.00	1740.00	0.00	522.00	
191	Supplying and wiring adopting loop system in existing PVC Conduit / casing capping using 1100V grade, COPPER conductor flexible multistrand FRLS PVC insulated, 2 X1.5Sq.mm Cable confirming to the GTP, with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet / gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet. GROUP A Medium point above 3Mtr upto 6Mtr from tapping point to out let via switch directions of the Engineer-In-charge of the work	Point	24.00	245.00	5880.00	19.00	19.00	245.00	4655.00	0.00		0.00	4655.00	0.00	1225.00	

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			Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amount		excess amount	Savings amount	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
192	Supplying and wiring adopting loop system in existing PVC Conduit / casing capping using 1100V grade, COPPER conductor flexible multistrand FRLS PVC insulated, 2 X1.5Sq.mm Cable confirming to the GTP, with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet / gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet. GROUP A Long point above 6Mtr upto 10Mtr from tapping point to out let via switch directions of the Engineer-In-	Point	172.00	363.00	62436.00	126.00	126.00	363.00	45738.00	0.00		0.00	45738.00	0.00	16698.00	
193	Supplying and wiring adopting loop system in existing PVC Conduit / casing capping using 1100V grade, COPPER conductor flexible multistrand FRLS PVC insulated, 2 X1.5Sq.mm Cable confirming to the GTP, with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet / gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet. GROUP A Two outlet in a row, above 3Mtr upto 6Mtr from tapping point to out let via switches directions of the Engineer-	Point	8.00	482.00	3856.00	6.00	6.00	482.00	2892.00	0.00		0.00	2892.00	0.00	964.00	
194	Supplying and wiring adopting loop system in existing PVC Conduit / casing capping using 1100V grade, COPPER conductor flexible multistrand FRLS PVC insulated, 2 X1.5Sq.mm Cable confirming to the GTP, with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet / gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet. GROUP A Three outlet in a row, above 6Mts upto 10Mtr from tapping point to out let via switches directions of the	Point	2.00	682.00	1364.00	2.00	2.00	682.00	1364.00	0.00		0.00	1364.00	0.00	0.00	
195	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand Copper with low conductor resistance single core wire in open or concealed system of wiring with specified IS-694:1990 & confirming to GTP of GROUP -A. 1.5 sqmm. directions of the Engineer-In-charge of the work	m	2000.00	18.50	37000.00	800.00	800.00	18.50	14800.00	0.00		0.00	14800.00	0.00	22200.00	
196	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand Copper with low conductor resistance single core wire in open or concealed system of wiring with specified IS-694:1990 & confirming to GTP of GROUP -A.2.5 sqmm directions of the Engineer-In-charge of the work	m	5000.00	29.20	146000.00	2000.00	2000.00	29.20	58400.00	0.00		0.00	58400.00	0.00	87600.00	
197	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand Copper with low conductor resistance single core wire in open or concealed system of wiring with specified IS-694:1990 & confirming to GTP of GROUP -A.4 sqmm directions of the Engineer-In-charge of the work	m	1200.00	42.30	50760.00	475.00	475.00	42.30	20092.50	0.00		0.00	20092.50	0.00	30667.50	
198	Supplying and fixing surface/flush mounting unbreakable PVC modular box suitable for mounting modular switch plates with due groove cutting in Brick/C.C wall, including necessary rawl plugs, Machine/NF screws etc., complete. 1-3Way directions of the Engineer-In-charge of the work	Each	5.00	83.00	415.00	0.00	0.00	83.00	0.00	0.00		0.00	0.00	0.00	415.00	
199	Supplying and fixing surface/flush mounting unbreakable PVC modular box suitable for mounting modular switch plates with due groove cutting in Brick/C.C wall, including necessary rawl plugs, Machine/NF screws etc., complete.4-5Way directions of the Engineer-In-charge of the work	Each	2.00	102.00	204.00	0.00	0.00	102.00	0.00	0.00		0.00	0.00	0.00	204.00	
200	Supplying and fixing surface/flush mounting unbreakable PVC modular box suitable for mounting modular switch plates with due groove cutting in Brick/C.C wall, including necessary rawl plugs, Machine/NF screws etc., complete.6Way directions of the Engineer-In-charge of the work	Each	11.00	133.00	1463.00	0.00	0.00	133.00	0.00	0.00		0.00	0.00	0.00	1463.00	
201	Supplying and fixing surface/flush mounting unbreakable PVC modular box suitable for mounting modular switch plates with due groove cutting in Brick/C.C wall, including necessary rawl plugs, Machine/NF screws etc., complete. 10-12Way directions of the Engineer-In-charge of the work	Each	11.00	152.00	1672.00	0.00	0.00	152.00	0.00	0.00		0.00	0.00	0.00	1672.00	
202	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box. 1 to 3 Module directions of the Engineer-In-charge of the work	Each	5.00	109.00	545.00	0.00	0.00	109.00	0.00	0.00		0.00	0.00	0.00	545.00	
203	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box.4 Module directions of the Engineer-In-charge of the work	Each	2.00	122.00	244.00	0.00	0.00	122.00	0.00	0.00		0.00	0.00	0.00	244.00	

Sr. No.	Description of Work	Unit	Qty as per Quoted Rate			Total Executed Qty	Qty. as per Anticipated upto 125%			Qty. as per Anticipated above 125%			Total Amount	Difference		Remarks
			Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amount		excess amount	Savings amount	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
204	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal PVC box.6 Module directions of the Engineer-In-charge of the work	Each	9.00	173.00	1557.00	0.00	0.00	173.00	0.00	0.00		0.00	0.00	0.00	1557.00	
205	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal PVC box.8 Module directions of the Engineer-In-charge of the work	Each	2.00	200.00	400.00	0.00	0.00	200.00	0.00	0.00		0.00	0.00	0.00	400.00	
206	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal PVC box.10 Module directions of the Engineer-In-charge of the	Each	5.00	227.00	1135.00	0.00	0.00	227.00	0.00	0.00		0.00	0.00	0.00	1135.00	
207	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal PVC box.12 Module directions of the Engineer-In-charge of the	Each	6.00	267.00	1602.00	0.00	0.00	267.00	0.00	0.00		0.00	0.00	0.00	1602.00	
208	Supplying and fixing of modular switch/ Socket stepped electronic fan regulator/ dimmer telephone socket etc on existing modular switch plate as per IS 3854 and IS 1293 GROUP A 6Amps 3way socket. directions of the Engineer-In-charge of the work	Each	86.00	95.00	8170.00	0.00	0.00	95.00	0.00	0.00		0.00	0.00	0.00	8170.00	
209	Supplying and fixing of modular switch/ Socket stepped electronic fan regulator/ dimmer telephone socket etc on existing modular switch plate as per IS 3854 and IS 1293 GROUP A 1000-1200Watts Dimmer directions of the Engineer-In-charge of the work	Each	15.00	539.00	8085.00	0.00	0.00	539.00	0.00	0.00		0.00	0.00	0.00	8085.00	
210	Supplying and fixing of modular switch/ Socket stepped electronic fan regulator/ dimmer telephone socket etc on existing modular switch plate as per IS 3854 and IS 1293 GROUP A 16Amps one way switch directions of the Engineer-In-charge of the work	Each	15.00	114.00	1710.00	0.00	0.00	114.00	0.00	0.00		0.00	0.00	0.00	1710.00	
211	Supplying and fixing of modular switch/ Socket stepped electronic fan regulator/ dimmer telephone socket etc on existing modular switch plate as per IS 3854 and IS 1293 GROUP A 32Amps DP switch directions of the Engineer-In-charge of the work	Each	13.00	164.00	2132.00	0.00	0.00	164.00	0.00	0.00		0.00	0.00	0.00	2132.00	
212	Supplying and fixing of modular switch/ Socket/stepped electronic fan regulator/ dimmer/telephone socket etc on existing modular switch plate as per IS 3854 and IS 1293 GROUP A TV/Telephone socket directions of the Engineer-In-charge of the work	Each	14.00	82.00	1148.00	0.00	0.00	82.00	0.00	0.00		0.00	0.00	0.00	1148.00	
213	Supplying and fixing of modular switch/ Socket/stepped electronic fan regulator/ dimmer/telephone socket etc on existing modular switch plate as per IS 3854 and IS 1293 GROUP A 6/16Amps universal socket directions of the Engineer-In-charge of the work	Each	13.00	147.00	1911.00	0.00	0.00	147.00	0.00	0.00		0.00	0.00	0.00	1911.00	
214	PART E:-Light Fixtures and Fan Supplying box type suitable for 28W T5 single / twin Lamp & suspension mounted luminaire & optical reflector. Prewired with HF electronic Ballast, push fit type lamp holders & main connectors. Channel cover shall be made of CRCA MS Sheet and finishing is done with stove enameled white with end caps made of engineering plastic 2x4'-28Watts directions of the Engineer-In-charge of the work	Each	24.00	1680.00	40320.00	0.00	0.00	1680.00	0.00	0.00		0.00	0.00	0.00	40320.00	
215	Supplying box type suitable for 28W T5 single / twin Lamp & suspension mounted luminaire & optical reflector. Prewired with HF electronic Ballast, push fit type lamp holders & main connectors. Channel cover shall be made of CRCA MS Sheet and finishing is done with stove enameled white with end caps made of engineering plastic 1x4'-28Watts directions of the Engineer-In-charge of the work	Each	76.00	990.00	75240.00	0.00	0.00	990.00	0.00	0.00		0.00	0.00	0.00	75240.00	
216	Fixing all types and all capacities of fluorescent / false ceiling / spot light / CFL / LED fittings indoor on the wall / ceiling / rafters / girders using 23/0.0076" twin twisted PVC insulated wires, required Nos of round blocks and clamps. Using necessary length of G.I. chain directions of the Engineer-In-charge of the work	Each	24.00	210.00	5040.00	0.00	0.00	210.00	0.00	0.00		0.00	0.00	0.00	5040.00	
217	Fixing all types and all capacities of fluorescent / false ceiling / spot light / CFL / LED fittings indoor on the wall / ceiling / rafters / girders using 23/0.0076" twin twisted PVC insulated wires, required Nos of round blocks and clamps. On wall / ceiling / Rafter / Girders directions of the Engineer-In-charge of the work	Each	76.00	98.00	7448.00	69.00	69.00	98.00	6762.00	0.00		0.00	6762.00	0.00	686.00	

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			Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amount					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
218	Fixing halogen/metal halide / SVL / IL / LED floodlight fitting over existing pole / wall ceiling including clamps, bolts, nuts and wiring using suitable capacity wires. directions of the Engineer-In-charge of the work	Each	52.00	176.00	9152.00	0.00	0.00	176.00	0.00	0.00		0.00	0.00	0.00	0.00		
219	Supplying CFL mirror light fitting with 1x11W CFL lamp, choke, Perspex cover and completely wired for use on 230V 50Hz AC supply directions of the Engineer-In-charge of the work	Each	4.00	648.00	2592.00	0.00	0.00	648.00	0.00	0.00		0.00	0.00	0.00	0.00		
220	Supplying capacitor type ceiling fan complete with down rod blades, shackle, canopies etc., for operation on 230 volts, 50 cycles. Single phase AC supply conforming to ISS-374-1979 and with double ball bearing system. 56" Sweep (1400mm) 9.3.2.1) Regular model directions of the Engineer-In-charge of the work	Each	15.00	2418.00	36270.00	0.00	0.00	2418.00	0.00	0.00		0.00	0.00	0.00	0.00		
221	Fixing a ceiling / wall mounting fan of all capacities and all types, with necessary clamps and 'S' hook made out of 15mm dia MS rod, with 5 amps. ceiling rose of approved quality with necessary length of 23 / 0.0076 inch PVC insulated twin twisted wire of approved quality, mounted on a suitable size wooden board and wired. directions of the Engineer-In-charge of the work	Each	15.00	237.00	3555.00	0.00	0.00	237.00	0.00	0.00		0.00	0.00	0.00	0.00		
222	Supplying of 1440rpm heavy duty exhaust fan with bracket blades suitable to operate on 230V 50Hz, AC Supply complete. 9.2.1)12" Sweep (300mm) directions of the Engineer-In-charge of the work	Each	5.00	3654.00	18270.00	0.00	0.00	3654.00	0.00	0.00		0.00	0.00	0.00	0.00		
223	Fixing one exhaust fan after making a suitable nitch in the wall and finishing with cement mortar and colouring to match the existing wall or brackets, with bolts and nuts and a 5 amps, ceiling rose with sufficient length of 23 / 0.0076 inch PVC insulated twin core wire of approved make with wire mesh and wooden frame. directions of the Engineer-In-charge of	Each	5.00	680.00	3400.00	0.00	0.00	680.00	0.00	0.00		0.00	0.00	0.00	0.00		
224	PART-F :- CABLE AND CABLE END TERMINATION HT CABLES HT Cable GROUP A: Supplying and laying of high tension 11KV cable, Dry Curing & Dry Cooling with true triple extrusion, simultaneously through a single common head, 3 core under ground XLPE (E) cable having stranded compact circular aluminium conductor, screened insulated, insulation screened with extruded semiconducting compound in combination with copper tape, core laid up extruded inner sheathed of GI flat strip armoured and overall PVC sheathed with specified IS 7098/11/85 with latest amendments & confirming to the GTP of GROUP-A	m	59.00	1040.00	61360.00	0.00	0.00	1040.00	0.00	0.00		0.00	0.00	0.00	0.00		
225	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc , complete.(As per Civil SR KSRB I-2, P-7) 7.9.2) In soil (hard) directions of the Engineer-In-charge of the work	m	40.00	106.00	4240.00	0.00	0.00	106.00	0.00	0.00		0.00	0.00	0.00	0.00		
226	LT CABLES Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq.mm wire armoured) confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with specified IS-1554 Part-1:1988 & confirming to GTP of GROUP-A. 4 core 10 sqmm directions of the Engineer-In-charge of the work	m	98.00	118.80	11642.40	0.00	0.00	118.80	0.00	0.00		0.00	0.00	0.00	0.00		
227	Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq.mm wire armoured) confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with specified IS-1554 Part-1:1988 & confirming to GTP of GROUP-A. 3.5 core 185 sqmm directions of the Engineer-In-charge of the work	m	53.00	816.00	43248.00	0.00	0.00	816.00	0.00	0.00		0.00	0.00	0.00	43248.00		
228	Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq mm wire armoured) confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with specified IS-1554 Part-1:1988 & confirming to GTP of GROUP-A. 3.5 core 120 sqmm directions of the Engineer-In-charge of the work	m	86.00	556.80	47884.80	0.00	0.00	556.80	0.00	0.00		0.00	0.00	0.00	47884.80		
229	Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq.mm wire armoured) confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with specified IS-1554 Part-1:1988 & confirming to GTP of GROUP-A. 3.5 core 70 sqmm directions of the Engineer-In-charge of the work	m	35.00	270.00	9450.00	0.00	0.00	270.00	0.00	0.00		0.00	0.00	0.00	9450.00		

Sl. No.	Description of Work	Unit	Qty as per Quoted Rate			Total Executed Qty	Qty. as per Anticipated upto 125%			Qty. as per Anticipated above 125%			Total Amount	Difference		Remarks
			Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amount		excess amount	Savings amount	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
230	Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq.mm wire armoured) confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with specified IS-1554 Part-1:1988 & confirming to GTP of GROUP-A. 3.5 core 25 sqmm directions of the Engineer-In-charge of the work	m	23.00	165.50	3806.50	0.00	0.00	165.50	0.00	0.00		0.00	0.00	0.00	3806.50	
231	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required.On wall /Structure 6 sqmm to 16 sqmm directions of the Engineer-In-charge of the work	m	98.00	31.00	3038.00	0.00	0.00	31.00	0.00	0.00		0.00	0.00	0.00	3038.00	
232	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required.On wall /Structure 25 sqmm to 75 sqmm directions of the Engineer-In-charge of the work	m	58.00	34.80	2018.40	0.00	0.00	34.80	0.00	0.00		0.00	0.00	0.00	2018.40	
233	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required.On wall /Structure 95 sqmm to 150Sqmm directions of the Engineer-In-charge of the work	m	86.00	42.40	3646.40	0.00	0.00	42.40	0.00	0.00		0.00	0.00	0.00	3646.40	
234	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required.On wall /Structure 185sqmm to 240Sqmm directions of the Engineer-In-charge of the work	m	53.00	44.50	2358.50	0.00	0.00	44.50	0.00	0.00		0.00	0.00	0.00	2358.50	
235	END TERMINATION HT CABLE ENDTERMINATION Supplying and making 11KV (E) Extruded "X" linked for tubing & moulded & cross-linked components using Heat Shrink Stress Control tube having High Permittivity XLPE Terminations- OUTDOOR JOINTING KIT & confirming to the GTP. OUTDOOR 8.2.1) 3Cx95/120sqmm directions of the Engineer-In-charge of the work	Kit	1.00	10108.00	10108.00	0.00	0.00	10108.00	0.00	0.00		0.00	0.00	0.00	10108.00	
236	Supplying and making 11KV (E) Extruded "X" linked for tubing & moulded & cross-linked components using Heat Shrink Stress Control tube having High Permittivity XLPE Terminations- INDOOR JOINTING KIT & confirming to the GTP. INDOOR 8.2.5) 3Cx95/120sqmm directions of the Engineer-In-charge of the work	Kit	5.00	8373.00	41865.00	0.00	0.00	8373.00	0.00	0.00		0.00	0.00	0.00	41865.00	
237	LT CABLE END TERMINATION Supplying and fixing of heavy duty cable glands suitable for UG cable of 1.1 KV class (metal only) 25mm dia directions of the Engineer-In-charge of the work	Each	5.00	86.00	430.00	0.00	0.00	86.00	0.00	0.00		0.00	0.00	0.00	430.00	
238	Supplying and fixing of heavy duty cable glands suitable for UG cable of 1.1 KV class (metal only)32mm dia directions of the Engineer-In-charge of the work	Each	5.00	122.00	610.00	0.00	0.00	122.00	0.00	0.00		0.00	0.00	0.00	610.00	
239	Supplying and fixing of heavy duty cable glands suitable for UG cable of 1.1 KV class (metal only) 50mm dia directions of the Engineer-In-charge of the work	Each	5.00	264.00	1320.00	0.00	0.00	264.00	0.00	0.00		0.00	0.00	0.00	1320.00	
240	Supplying and fixing of heavy duty cable glands suitable for UG cable of 1.1 KV class (metal only) 75mm dia directions of the Engineer-In-charge of the work	Each	5.00	513.00	2565.00	0.00	0.00	513.00	0.00	0.00		0.00	0.00	0.00	2565.00	
241	Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes. 16 sqmm directions of the Engineer-In-charge of the work	Each	40.00	11.31	452.40	0.00	0.00	11.31	0.00	0.00		0.00	0.00	0.00	452.40	
242	Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes. 25 sqmm Long Barrel directions of the Engineer-In-charge of the work	Each	20.00	20.59	411.80	0.00	0.00	20.59	0.00	0.00		0.00	0.00	0.00	411.80	
243	Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes. 70 sqmm Long Barrel directions of the Engineer-In-charge of the work	Each	10.00	98.28	982.80	0.00	0.00	98.28	0.00	0.00		0.00	0.00	0.00	982.80	
244	Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes. 120 sqmm Long Barrel directions of the Engineer-In-charge of the work	Each	10.00	196.56	1965.60	0.00	0.00	196.56	0.00	0.00		0.00	0.00	0.00	1965.60	
245	Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes. 185 sqmm Long Barrel directions of the Engineer-In-charge of the work	Each	10.00	338.52	3385.20	0.00	0.00	338.52	0.00	0.00		0.00	0.00	0.00	3385.20	
246	CABLE TRAY Supplying and fixing 2mm thick perforated cable tray with powder coated paint on existing MS angle support using necessary GI bolts/nuts and washer or welding as required. 7.19.1) 150x50mm directions of the Engineer-In-charge of the work	m	50.00	440.00	22000.00	0.00	0.00	440.00	0.00	0.00		0.00	0.00	0.00	22000.00	
247	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete. In soil (hard) directions of the Engineer-In-charge of the work	m	20.00	106.00	2120.00	0.00	0.00	106.00	0.00	0.00		0.00	0.00	0.00	2120.00	

S.No.	Description of Work	Unit	Qty as per Quoted Rate			Total Executed Qty	Qty. as per Anticipated upto 125%			Qty. as per Anticipated above 125%			Total Amount	Difference		Remarks
			Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amount		excess amount	Savings amount	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
248	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete.C.C. cutting directions of the Engineer-In-charge of the work	m	10.00	212.00	2120.00	0.00	0.00	212.00	0.00	0.00		0.00	0.00	0.00	2120.00	
249	G. MISCELLANEOUS ITEMS Supplying and fixing of class A (medium duty) GI pipe of wall thick ness not less than 3.25mm pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class. 7.12.2) 50mm directions of the Engineer-In-charge of the work	m	60.00	391.00	23460.00	0.00	0.00	391.00	0.00	0.00		0.00	0.00	0.00	23460.00	
250	Supplying and fixing angle iron frame work fabricated out of M.S. angle iron.. and M.S. flat ... with bolts, washers etc., and painted with 2 coats of red oxide and then two coats of approved paint. 6.39.1) 40x40x6mm directions of the Engineer-In-charge of the work	m	10.00	263.00	2630.00	0.00	0.00	263.00	0.00	0.00		0.00	0.00	0.00	2630.00	
251	Supply and laying double walled corrugated (DWC) HDPE Pipe including all necessary connecting Sockets/Couplings/Tees/Bends/End-caps of same materials in existing trench as per IS 14930 part -II suitable for drawing underground cables.7.20.10) 160mm OD / 135mm ID directions of the Engineer-In-charge of the work	m	10.00	580.00	5800.00	0.00	0.00	580.00	0.00	0.00		0.00	0.00	0.00	5800.00	
252	Concealed Conduit System Supplying heavy gauge PVC conduit pipe mm dia mm thick confirming to IS 2509 with suitable size bends, metal/PVC junction boxes, adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fish wire wherever necessary	m	100.00	43.00	4300.00	0.00	0.00	43.00	0.00	0.00		0.00	0.00	0.00	4300.00	
253	Concealed Conduit System Supplying heavy gauge PVC conduit pipe mm dia mm thick confirming to IS 2509 with suitable size bends, metal/PVC junction boxes, adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fish wire wherever necessary25mm dia 2mm thick directions of the Engineer-In-charge of the work	m	60.00	57.00	3420.00	0.00	0.00	57.00	0.00	0.00		0.00	0.00	0.00	3420.00	
254	Concealed Conduit System Supplying heavy gauge PVC conduit pipemm dia mm thick confirming to IS 2509 with suitable size bends, metal/PVC junction boxes, adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fish wire wherever necessary 32mm dia 2.5mm thick directions of the Engineer-In-	m	50.00	90.00	4500.00	0.00	0.00	90.00	0.00	0.00		0.00	0.00	0.00	4500.00	
255	Supplying and installation of ABC Kgs capacity Fire Extinguishers for multipurpose (Solid, Liquid, Gas, Electrical) a) 5 Kgs directions of the Engineer-In-charge of the work	Each	1.00	2085.00	2085.00	0.00	0.00	2085.00	0.00	0.00		0.00	0.00	0.00	2085.00	
256	Supplying and installation of Dry Chemical powder.Kg capacity Fire Extinguishers for multipurpose (DG, Electrical Panel) b) 5 Kgs directions of the Engineer-In-charge of the work	Each	1.00	1800.00	1800.00	0.00	0.00	1800.00	0.00	0.00		0.00	0.00	0.00	1800.00	
257	Supplying and installation of Mechanical Foam-9ltrs capacity Fire Extinguishers for multipurpose (DG, Electrical Panel) directions of the Engineer-In-charge of the work	Each	1.00	2600.00	2600.00	0.00	0.00	2600.00	0.00	0.00		0.00	0.00	0.00	2600.00	
258	Supplying and installing of CO2Kgs capacity Fire Extinguishers for multipurpose (Servers, Panels, Computers, etc.,) c) 4-5 Kgs directions of the Engineer-In-charge of the work directions of the Engineer-In-charge of the work	Each	1.00	4810.00	4810.00	0.00	0.00	4810.00	0.00	0.00		0.00	0.00	0.00	4810.00	
259	Supplying of Four Bucket stand along with Buckets directions of the Engineer-In-charge of the work	Each	2.00	1200.00	2400.00	0.00	0.00	1200.00	0.00	0.00		0.00	0.00	0.00	2400.00	
260	Supplying of Hand Gloves directions of the Engineer-In-charge of the work	Pair	6.00	170.00	1020.00	0.00	0.00	170.00	0.00	0.00		0.00	0.00	0.00	1020.00	
261	Supplying and installation of RUBBER MAT 1mt x 2mt-100mm thick directions of the Engineer-In-charge of the work	Each	4.00	1105.00	4420.00	0.00	0.00	1105.00	0.00	0.00		0.00	0.00	0.00	4420.00	
262	Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq.mm wire armoured) confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with specified IS-1554 Part-1:1988 & confirming to GTP of GROUP-A. 7.4.10) 3.5 core 120 sqmm	m	100.00	556.80	55680.00	0.00	0.00	556.80	0.00	0.00		0.00	0.00	0.00	55680.00	
263	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required.On wall /Structure 7.8.8) 95 sqmm to 150Sqmm	m	100.00	42.40	4240.00	0.00	0.00	42.40	0.00	0.00		0.00	0.00	0.00	4240.00	

	Description of Work	Unit	Qty as per Quoted Rate			Total Executed Qty	Qty. as per Anticipated upto 125%			Qty. as per Anticipated above 125%			Total Amount	Difference		Remarks
			Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amount		excess amount	Savings amount	
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
264	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete.(As per Civil SR KSRB I-2, P-7) 7.9.2) In soil (hard)	m	85.00	106.00	9010.00	0.00	0.00	106.00	0.00	0.00		0.00	0.00	0.00	9010.00	
265	Supply and installation of Acoustic insulation using 50mm thick with 24Kg Density glass wool with 24G aluminum perforated sheet complete.	Sqm	10.00	800.00	8000.00	0.00	0.00	800.00	0.00	0.00		0.00	0.00	0.00	8000.00	
266	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole wall drain crossing with necessary clamping arrangements for UG cable of 1.1 KV 65mm	m	8.00	585.00	4680.00	0.00	0.00	585.00	0.00	0.00		0.00	0.00	0.00	4680.00	
267	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole wall drain crossing with necessary clamping arrangements for UG cable of 1.1 KV, 50mm	m	4.00	391.00	1564.00	0.00	0.00	391.00	0.00	0.00		0.00	0.00	0.00	1564.00	
268	B. EARTHING SYSTEM Supplying fixing and wiring earth electrode for grounding of lifts, transformers, DG sets etc. using 40mm dia 2.9mm thick 2.5 mtr long GI pipe with GI funnel with mesh and suitable size reducer fixed on the top of the earth electrode. The funnel should be enclosed in a CC chamber of 400x400x400mm with a cast iron cover. The earth electrode shall have staggered holes of 12mm dia and the electrode should be covered 150mm all-round with alternate layers of salt and charcoal from the bottom of the CC chamber. The connection from the electrode is to be established through GI strip using GI bolts and nuts.	Each	8.00	4317.00	34536.00	0.00	0.00	4317.00	0.00	0.00		0.00	0.00	0.00	34536.00	
269	Supplying and running of Copper strips for grounding connections, using necessary fixing materials as required. 25x3mm Copper strip	m	17.00	523.00	8891.00	0.00	0.00	523.00	0.00	0.00		0.00	0.00	0.00	8891.00	
270	Supplying and running of Copper strips for grounding connections, using necessary fixing materials as required.25x6mm Copper strip	m	12.00	1018.00	12216.00	0.00	0.00	1018.00	0.00	0.00		0.00	0.00	0.00	12216.00	
271	Supplying and running of GI strips for grounding connections, using necessary fixing materials as required. 25x3mm GI strip	m	20.00	77.00	1540.00	0.00	0.00	77.00	0.00	0.00		0.00	0.00	0.00	1540.00	
272	Supplying and running of GI strips for grounding connections, using necessary fixing materials as required.40x6mm GI strip	m	20.00	166.00	3320.00	0.00	0.00	166.00	0.00	0.00		0.00	0.00	0.00	3320.00	
273	Supplying and running GI/Copper conductor for grounding and (along with other wires in conduit system of wiring) using necessary suitable size clamps, nails, guttas/spacers etc. GI Wire 8 SWG	m	35.00	19.50	682.50	0.00	0.00	19.50	0.00	0.00		0.00	0.00	0.00	682.50	
E1	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars and cap etc.,) 300 to 350 m	m	0.00	653.41	0.00	100.00	100.00	653.41	65341.00	0.00		0.00	65341.00	65341.00	0.00	
E2	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars and cap etc.,) 350 to 400 m	m	0.00	691.23	0.00	97.00	97.00	691.23	67049.31	0.00		0.00	67049.31	67049.31	0.00	
E3	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars and cap etc.,) 400 to 430 m	m	0.00	691.23	0.00	27.00	27.00	691.23	18663.21	0.00		0.00	18663.21	18663.21	0.00	
E4	Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300- 2 complete as per specifications.(which includes cost of gravel / murrum, watering charges & compaction by vibratory roller) MORTH Specification No. 305.	cum	0.00	357.98	0.00	569.16	569.16	357.98	203750.69	0.00		0.00	203750.69	203750.69	0.00	

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			Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amount		excess amount	Savings amount	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
E5	Earth work for lowering and levelling the ground other than foundation works by mechanical means upto 3.00 depth, including providing shoring and strutting, removal of stumps and other deleterious matter, dressing of sides and bottom, filling back the excavation earth to the extent required including the cost of labour & HOM of machineries, as per drawing and technical specification.	cum	0.00	67.19	0.00	1338.30	1338.30	67.19	89920.55	0.00		0.00	89920.55	89920.55	0.00	
E6	Providing and fixing to wall, ceiling and floor unplasticised PVC pipes 10.00 kgf/sq.cm working pressure chemp plast / Wavin or equivalent make with pipe fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials,with 160 mm outer dia	m	0.00	1053.65	0.00	36.00	36.00	1053.65	37931.40	0.00		0.00	37931.40	37931.40	0.00	
E7	Providing and fixing to wall, ceiling and floor unplasticised PVC pipes 10.00 kgf/sq.cm working pressure chemp plast / Wavin or equivalent make with pipe fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials,with 200 mm outer dia	m	0.00	1755.38	0.00	12.00	12.00	1755.38	21065.00	0.00		0.00	21065.00	21065.00	0.00	
E8	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beams haunchings, cantilelver, girders, bressumers and lintels exceeding 1m in depth including cost of all materials, labour complete as per specifications. Specification No.	Sqm	0.00	567.82	0.00	1053.98	1053.98	567.82	598470.92	0.00		0.00	598470.92	598470.92	0.00	
E9	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for suspended floors, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specificaitons for heights more than 3.50m from ground level. - 0 to 9 mtrs.	Sqm	0.00	1288.75	0.00	1194.46	1194.46	1288.75	1539358.98	0.00		0.00	1539358.98	1539358.98	0.00	
E10	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for Stairs (excluding landing) except spiral staircase including cost of all materials, labour complete as per specificaiton.	Sqm	0.00	572.78	0.00	87.76	87.76	572.78	50266.00	0.00		0.00	50266.00	50266.00	0.00	
E11	Providing and constructing non load bearing wall with solid concrete blocks of size 400x100x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 4.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications.	Sqm	0.00	893.31	0.00	61.79	61.79	893.31	55199.05	0.00		0.00	55199.05	55199.05	0.00	
E12	Providing and constructing non load bearing wall with solid concrete blocks of size 400x100x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 4.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications. (Second Floor)	Sqm	0.00	970.41	0.00	41.14	41.14	970.41	39924.21	0.00		0.00	39924.21	39924.21	0.00	
E13	Providing rough cement plastering 15mm thick in single coat with cement mortar 1:4 to brick masonry for base of dadooing works with sand of approved quality, providing and removing scaffolding, inclding cost of materials, labour, curing complete as per specifications , (Ground Floor)	Sqm	0.00	225.81	0.00	596.64	596.64	225.81	134723.97	0.00		0.00	134723.97	134723.97	0.00	
E14	Providing rough cement plastering 15mm thick in single coat with cement mortar 1:4 to brick masonry for base of dadooing works with sand of approved quality, providing and removing scaffolding, inclding cost of materials, labour, curing complete as per specifications , Second Floor	Sqm	0.00	239.02	0.00	90.72	90.72	239.02	21684.24	0.00		0.00	21684.24	21684.24	0.00	
E15	Providing and fixing M.S.grill work for windows and ventilators weighing 21kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approve design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications.(Ground Floor)	Kg	0.00	104.64	0.00	227.31	227.31	104.64	23786.11	0.00		0.00	23786.11	23786.11	0.00	
E16	Providing and fixing M.S.grill work for windows and ventilators weighing 21kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approve design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications (Second Floor)	Kg	0.00	117.86	0.00	389.34	389.34	117.86	45887.47	0.00		0.00	45887.47	45887.47	0.00	
E17	Providing skirting, dado, rises of steps with colour glazed tiles on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications. Specification Colour glazed tiles 30x60 cms 6mm thick with border of size 30 x 10 cms. (Ground Floor)	Sqm	0.00	1797.63	0.00	596.73	596.73	1797.63	1072696.05	0.00		0.00	1072696.05	1072696.05	0.00	

Sl. No.	Description of Work	Unit	Qty as per Quoted Rate			Total Executed Qty	Qty. as per Anticipated upto 125%			Qty. as per Anticipated above 125%			Total Amount	Difference		Remarks
			Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amount		excess amount	Savings amount	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
E18	Providing skirting, dado, rises of steps with colour glazed tiles on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications. Specification NoColour glazed tiles 30x60 cms 6mm thick with border of size 30 x 10 cms. (Second Floor)	Sqm	0.00	1802.04	0.00	90.72	90.72	1802.04	163481.15	0.00		0.00	163481.15	163481.15	0.00	
E19	Providing laying plain/ reinforced cement concrete for side Drains Using M20 nominal mix Concrete with OPC at 300kgs.With 20mm and Down size granite metal coarse aggregate at 0.69cum and fine aggregate at 0.43cum Machine mixed, well compacted for wall and Bottom including centering shuttering,cost of materials,HOM of Machinery,Curing Etc.,Complete Excluding cost of Steel as per morth MORTH specification No. 1500, 1700, 2200. Including Cost of material, Labour, HOM complete as per Specification-WALL & Bottom thickness 15Cm	Cum	0.00	7346.95	0.00	10.78	10.78	7346.95	79223.80	0.00		0.00	79223.80	79223.80	0.00	
E20	Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. MORTH Specification NO.1600&2200Specification No. Pg No.229 Item No.28.8.2	Tonne	0.00	67593.06	0.00	0.92	0.92	67593.06	62097.12	0.00		0.00	62097.12	62097.12	0.00	
E21	Providing and fixing pull and push type rolling shutters of approved make out of 18 guage, 75mm wide cold rolled steel laths of convex corrugation, with side guides and bottom rail, with interlocking arrangements for steel laths by means of alternate clips, suspension shaft with High tension coil type springs two numbers, mounted on specially designed pipe shaft, with bracket plates, guide channels, ball bearing arrangements, for inside & outside locking with push & pull operations complete including pulling hooks, 4Nos. handles with all fittings and accessories, painted with a coat of red lead paint (without top cover) cost of materials, labour, HOM of machinery complete as per specifications. Shutter size 3mx2.8 m.	Sqm	0.00	2871.59	0.00	9.30	9.30	2871.59	26705.78	0.00		0.00	26705.78	26705.78	0.00	
E22	Providing and fixing factory made Galvanized plain steel door frame of profile size 125x60 mm single rebate manufactured from galvanized plain steel sheet 1.25mm thick, confirming to IS:277. The door frame consists of hinge jamb, lock jamb, head and bottom tie bars, supply in knockdown condition & to be assembeled at site by mechanical means with special mitre joint. The bottom tie bar made out of galvanized plain steel sheet 1.60mm thick pressed angle 20 x 20mm screwed to the door frame. The stiffness of 3mm thick MS GATE & pre-trapped are to be welded inside the pre-punched alots of the door frames & 4 nos. of S.S.butt hinges 100 x 59 2.5mm to be screwed to the door frame. The stiffeners & mortor guards to be provided for fixing hardware fixtures. The door frame to be powder coated after pre-treatment of the surface. The door frame shall be filled with 1:3:6 cement concrete & to be fixed with adjustable lugs/hold fasts. Alternatively, dry fixing shall be permitted by using metallic expansion bolt. The rate is including transportation, loading, unloading, HOM etc. but excluding the hardware fixtures. Size 1000 x 2130 mm	Rmt	0.00	600.31	0.00	11.60	11.60	600.31	6963.63	0.00		0.00	6963.63	6963.63	0.00	
E23	Providing and fixing factory made Galvanized plain steel door shutters 32mm thick manufactured from pre painted galvanized plain steel sheet 0.60mm thick confirming to the IS:14246. The door shutters consists of two outer skins if steel sheets , lock seam jointed at vertical stile edges, horizontal top and bottom sides to form a double skin fully flush shell. Rigid polyyurethane Foam (PUF) of density 40 kg/m3 shall be filled in the hollow portion of door shutters for structure rigidly & sound insulation. The necessary stiffeners of the Galvanized plain steel sheet of minimum thickness 1.60mm to be provided for fixing all hardware fixtures. The rate is including transportation, loading, unloading, HOM etc. but excluding the hardware fixtures. Size 900 x 2035 x 32 mm	Sqm	0.00	600.31	0.00	3.60	3.60	600.31	2161.13	0.00		0.00	2161.13	2161.13	0.00	
E24	Providing and fixing to wall, ceiling and floor, medium density polyethylene pipes 6.00 kgf/sq.cm working pressure 20mm outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications.	m	0.00	600.31	0.00	61.60	61.60	600.31	36979.29	0.00		0.00	36979.29	36979.29	0.00	

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			Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amount		excess amount	Savings amount	
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
E25	Waterproofing of RCC Terrace / podium slab / toilet / utilities / water retaining structure by preparing the surface by chipping and cleaning and Grouting of Honey comb, voids,cracks / construction joints with cement slurry (1kg cement added in 10 ltr of water) added with 100gm of inorganic accelerator, followed by spraying of liquid biological modified alkaline earth silicates @ 0.40 ltr per sqm on whole surface to reduce the micro porosity and allowing it to dry, curing the surface for the silicates to penetrate deeper into the concrete and spraying waterproofing impregnate liquid containing silane and silanol linear copolymer @ 0.50 ltr per sqm and finally applying polymer slurry made out of cross linked acrylic / styrene / butadiene & cement in the ratio of 1:0.1, @0.50kg/sqm on the whole surface, including all labour charges tools and equipments, all complete as per the specification	Sqm	0.00	579.38	0.00	779.58	779.58	579.38	451675.64	0.00		0.00	451675.64	451675.64	0.00	
E26	KSRB 4-6.5 : Providing and removing centering, shuttering, strutting, propping etc. and Removal of form Work for columns, pillars, piers, post and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per specificaiton.	Sqm	0.00	711.56	0.00	346.56	346.56	711.56	246600.00	0.00		0.00	246600.00	246600.00	0.00	
E27	Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using three track window frame of size 92x31.75mm bottom section 1.3mm thick, weight 1.07kg/m; sides and top sections 1.3 mm, thick, weight 0.933 kg/m.shutter frame section comprising top and bottom section of size 40mmx18mm, wall thickness 1.25mm. weight 0.417 kg./m. shutter side outer 40mmx18mm. wall thickness 1.25mm. weight 0.417 kg/m, shutter interlock section 40mmx26.7mm wall thickness 1.1 mm. thick, weight 0.469 kg/m, the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc.; providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading all aluminium sections including cutting to required length, joints mitred subdividing the frame tenonned and rivetted, in the assembled frame, stiffened with end clips for corners, angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be, with necessary steel screws, raul plugs or teak wood gatties including cutting masonry or concrete and making good the original surface using cement mortar - using aluminium section powdered coated to a minimum of 60- 70 microns with exterior durable pure polyester grade powder of approved qualitycomplete as per specifications and directions of the Engineer in charge	Sqm	0.00	4885.12	0.00	32.45	32.45	4885.12	158503.00	0.00		0.00	158503.00	158503.00	0.00	
E28	KSRB13-6.7 : Providing and fixing in position chromium plated brass shower rose with 15 or 20mm inlet including cost of all materials, labour and HOM with all leads complete as per specifications. Specification No.KBS 13.2.16 / 13.3 KSRB13-6.7-2 - do - 150 mm dia	Each	0.00	826.12	0.00	14.00	14.00	826.12	11566.00	0.00		0.00	11566.00	11566.00	0.00	
E29	Fixing of door frames in an existing opening including embedding frame in floor and walls after cutting masonary for holdfasts for embedding holdfast in cement concrete 1:3:6 of 20mm and downsize granite metal painting two coats of coal tar to sides of frame,making good the damages to walls and floor as required and disposal of the debries with lead upto 50 m. including cost of materials, labour, complete as per specifications and directions of the Engineer in charge	Nos	0.00	1504.64	0.00	3.00	3.00	1504.64	4514.00	0.00		0.00	4514.00	4514.00	0.00	
E30	Providing Honne wood frames of doors, windows, clerestory windows,ventilators and other frames , wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps),but including cost of materials, labour, HOM of machineries complete as per specifications and directions of the Engineer in charge.	Cum	0.00	96495.11	0.00	0.38	0.38	96495.11	36736.00	0.00		0.00	36736.00	36736.00	0.00	
E31	Providing and fixing in position fully panelled Honne wood shutters for doors, styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries (excluding cost of fixtures) complete as per specifications and directions of the Engineer in charge.	Sqm	0.00	5201.25	0.00	8.11	8.11	5201.25	42193.00	0.00		0.00	42193.00	42193.00	0.00	
E32	Providing and applying painting two coats (excluding priming coat) on new wood surface and / or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost ofmaterials, labour, .complete as per specifications and directions of the Engineer in charge	Sqm	0.00	106.84	0.00	48.94	48.94	106.84	5229.00	0.00		0.00	5229.00	5229.00	0.00	

	Description of Work	Unit	Qty as per Quoted Rate			Total Executed Qty	Qty. as per Anticipated upto 125%			Qty. as per Anticipated above 125%			Total Amount	Difference		Remarks
			Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amount		excess amount	Savings amount	
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
E33	Providing chain link fencing 50mm size of 8 guage properly stretched between existing rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts and as per the directions of the Engineer-in-charge of work including two coats of approved quality paint over one coat of shop paint, including cost of materials, labour, HOM complete as per specifications.	Sqm	0.00	787.57	0.00	14.29	14.29	787.57	11256.00	0.00		0.00	11256.00	11256.00	0.00	
E34	KSRB 4.2.8: Providing and laying in position reinforced cement concrete of design Mix M20 with OPC @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @ 0.46cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in ground floor level for roof slabs, staircase, lintels, and beams retaining walls, return walls, walls (any thickness) including attached pilasters, columns,pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM curing, complete but excluding cost of reinforcement as per specifications.	Sqm	0.00	6622.17	0.00	10.30	10.30	6622.17	68220.00	0.00		0.00	68220.00	68220.00	0.00	
	Sub Total Amount				70075262.00							**Sub Total Amount**	66462414.00	13519426.00	17132274.00	
	Add 18% GST Charges											**Add 18% GST Charges**	3365994.00	3365994.00		
	Total Amount				70075262.00							**Total Amount**	69828408.00	16885420.00	17132274.00	

Cross Check

Tender Amount	**70075262.00**
Executed Amount	**69828408.00**
	246854.00

Total Saving Amount	**17132274.00**
Total Excess Amount	**16885420.00**
	246854.00

Contractor

Assistant Engineer

Assistant Executive Engineer
Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Executive Engineer
Project Division
Yelahanka Zone
Bangalore

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BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK : CONSTRUCTION OF SWIMMING POOL AT AMRUTHA NAGARA, BYATARAYANAPURA WARD NO.07

WORK SLIP

Estimate Amount:-	68706949.34
Approved Amount	70075262.09
Name of Contractor:-	Sri.K.Somappa No.139/A,6th Main Mathikere,Bangalore-560054
Tender premium:-	+1.99% (Above)

Sl. No.	Description of Work	Unit	Qty as per Quoted Rate			Total Executed Quantity	Qty. upto 125%			Qty. above 125%			Total Amount	Excess amount	Amount Paid Upto 4th RA Bill	Now to be Paid Excess amount	Savings	Remarks
			Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amt						
1	Earth work excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m after breaking of clods complete as per specification	Cum	2892.86	305.64	884173.73	4844.51	3616.08	305.64	1105217.16	1228.43	305.64	375458.63	1480675.79	596502.06	1479737.10	938.70		
6	Providing and filling in foundation with granite / trap broken metal 100mm and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift complete as per specification	Cum	287.22	2283.12	655757.73	484.85	359.03	2283.12	819697.16	125.82	2283.12	287267.98	1106965.14	451207.41	1105562.73	1402.41		
7	Providing and laying in position Plain Cement Concrete of mix 1:3:6 with OPC cement @ 220kgs ,with 40mm and down size graded granite metal coarse aggregates @ 0 .892 cum and fine aggregates @ 0.465cum machine mixed, concrete laid in layers not exceeding 15 cms thick, well compacted, in foundation including cost of all materials,labour, HOM of machinery ,curing complete as per specifications.	Cum	245.97	5449.68	1340457.79	570.31	307.46	5449.68	1675572.24	262.85	5449.68	1432459.70	3108031.93	1767574.14	3101594.50	6437.43		
9	Providing and removing centering, shuttering, strutting, propping etc , and removal of form work for vertical surface such as Walls at any thickness, incluidng attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specfiications	Sqm	816.72	414.72	338710.12	1084.02	1020.90	414.72	423387.65	63.12	322.74	20372.46	443760.11	105049.99	438971.80	2626.00		
11	Providing and fixing Stainless steel 304 grade for staircase railings, balconies, ramps with hand rail, 50mm dia 16 guage hollow pipe welded to vertical hollow 50mm dia pipe of 16 guage, stainless steel vertical pipe spaced at 1.20m regular intervals, and 5 Nos of 25mm dia Stainless steel hollow horizontal pipe are welded to vertical 50mm dia hollow pipe The entire assembly is fixed to staircase concrete by using expansion bolts by drilling concrete etc., complete including cost of materials, labour, HOM of machineries and electrical charges, etc , complete as per specifications.	Sqm	33.00	6638.76	219079.08	42.23	41.25	6638.76	273848.85	0.98	6632.08	6470.26	280319.11	61240.03	0.00	61240.03		

	Description of Work	Unit	Qty as per Quoted Rate			Total Executed Quantity	Qty. upto 125%			Qty. above 125%			Total Amount	Excess amount	Amount Paid Upto 6th RA Bill	Now to be Paid Excess amount	Savings	Remarks
			Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amt						
13	Providing TMT Steel Reinforcement for R C [redacted]k including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.TMT Bars Fe 500	Tonne	155.18	76329.00	11844734.22	196.83	193.98	76329.00	14805917.78	2.85	66758.13	190577.57	14996495.34	3151761.12	14977133.94	19361.41		
16	Providing and constructing granite / trap / basalt Size Stone Masonry in foundation with cement mortar 1:6 stone hammered dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications	Cum	76.68	4359.96	334321.73	177.73	95.85	4359.96	417902.17	81.88	4359.96	356995.05	774897.22	440575.48	769335.00	5562.22		
59	Supply, installtion, testing and commissioning of filters Commercial Bobin wound filter with 160mm fiange connection - 157 cumtr/hr Filtration velocity 50m3/SEC. Speed 245m3/Hour Make: 2000 mm DIA/CERTIKIN / Aqua LIX (U.K) directions of the Engineer-In-charge of the work	Nos	2.00	535000.00	1070000.00	3.00	2.50	535000.00	1337500.00	0.50	535000.00	267500.00	1605000.00	535000.00	1070000.00	535000.00		
80	Supply, installtion, testing and commissioning of ANCHOR HOOKS STAINLESS STEEL fixed to end walls for lane ropes directions of the Engineer-In-charge of the work	Nos	12.00	3300.00	39600.00	15.00	15.00	3300.00	49500.00	0.00	3300.00	0.00	49500.00	9900.00	0.00	9900.00		
98	Providing and fixing of white colour vetreous China clay flat back. lipped front urinal basin of 430x260x350mm with 5 litres PVC automatic flushing cistern, CI /MS brackets, standard flush pipe and CP brass spreaders with brass unions and GI clamps complete painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specification No. KBS 11(P.no 75,It no.12.7)	Nos	5.00	3204.36	16021.80	6.00	6.00	3204.36	19226.16	0.00	3204.36	0.00	19226.16	3204.36	0.00	3204.36		
104	Providing and fixing in position brass stop cock of approved quality of as per dia nominal bore including cost of all materials,labour and HOM of equipments with all leads complete as per specifications. 20mm nominal bore	Nos	30.00	172.80	5184.00	41.00	37.50	172.80	6480.00	3.50	155.31	543.59	7023.59	1839.59	0.00	1839.59		
106	Providing & fixing Chorinated Poly Venyl(CPVC) pipes confirming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings, this includes jointing of pipes and fittings with one step solvent cement, trenching, refilling and testing of joints complete 25mm nominal pipe	Nos	150.00	178.20	26730.00	436.50	187.50	178.20	33412.50	249.00	178.20	44371.80	77784.30	51054.30	26462.70	51054.30		

	Description of Work	Unit	Qty as per Quoted Rate			Total Executed Quantity	Qty. upto 125%			Qty above 125%			Total Amount	Excess amount	Amount Paid Upto 4th RA Bill	Now to be Paid Excess amount	Savings	Remarks
			Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amt						
111	Providing and fixing in position brass Gate valve with CI wheel of approved quality (screwed end) below nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specification 50mm Nominal Dia	Nos	4.00	2216.16	8864.64	15.00	5.00	2216.16	11080.80	10.00	1915.49	19154.95	30235.75	21371.11	0.00	21371.11		
112	Providing and fixing in position brass Gate valve with CI wheel of approved quality (screwed end) below nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specification 25mm dia	Nos	4.00	648.00	2592.00	10.00	5.00	648.00	3240.00	5.00	494.57	2472.85	5712.85	3120.85	0.00	3120.85		
114	Providing and fixing to wall,ceiling and floor high density polyethlne pipes 6.00kgf/sq cm working pressure 75& 110 mm out side diameter with speicial flange ,compression type fitting,wall clips,making good the wall celing and floor , including cost of all materils labour chargs , HOM of quipment and testing complete as per specificatiion 50mm dia	m	100.00	373.58	37358.00	165.30	125.00	373.58	46697.50	40.30	361.29	14559.96	61257.46	23899.46	0.00	23899.46		
116	Providing and fixing to wall,ceiling and floor high density polyethlne pipes 6.00kgf/sq cm working pressure 75& 110 mm out side diameter with speicial flange ,compression type fitting,wall clips,making good the wall celing and floor , including cost of all materils labour chargs , HOM of quipment and testing complete as per specificatiion 140mm dia	m	100.00	774.36	77436.00	176.75	125.00	774.36	96795.00	51.75	774.36	40073.13	136868.13	59432.13	132415.56	4452.57		
117	Providing and fixing CI Nahani trap of approved make conforming to ISI specifications and construction of Cistern in M-15 as per directions (Rate is inclusive of cost of materials and fixtures and conveyance of materials to work spot) 10 cmsx 7.5	Nos	30.00	270.00	8100.00	42.00	37.50	270.00	10125.00	4.50	270.00	1215.00	11340.00	3240.00	0.00	3240.00		
118	Providing and fixing 7.5 cms to 15.00 cms dia NP granting 100 mm dia Pag no 85 Itm 12.111 -	Nos	30.00	172.80	5184.00	42.00	37.50	172.80	6480.00	4.50	165.22	743.51	7223.51	2039.51	0.00	2039.51		
	Grand total				**16914304.84**				**21142079.96**				**24202316.38**			**756689.93**		

Note: Percentage of Workslip over the sanctioned Estimate=Excess amount over the approved amount/Amount Put to tender x 100

Percentage of Workslip (756689.93/70075262.09)x100 =1.08%

1.08%

Contractor

Assistant Engineer

Asst. Executive Engineer

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Executive Engineer
Project Division
Yelahanka Zone
Bangalore

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BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK : CONSTRUCTION OF SWIMMING POOL AT AMRUTHA NAGARA, BYATARAYANAPURA WARD NO.07

Agency	Sri.K.Somappa No.139/A,6th Main Mathikere,Bangalore-560054
	EIRL
Approved Amount	70075262.090
Name of Contractor:-	Sri.K.Somappa No.139/A,6th Main Mathikere,Bangalore-560054
Tender premium:-	+1.99% (Above)

Sl No	Item Of Work	Unit	Estimate qty	Rate from EIRL Rate analysis	Amount (Rs.)	Whether the item alternative in tender or additional items	Whether the extra item is included in sanctioned estimate	How the Cost is proposed to be met	Whether extra item is included in S.R.	Remarks
1	2	3	4	5	6	7	8	9	10	11
E12	KSRB 5-11 : Providing and constructing non load bearing wall with solid concrete blocks of size 400x100x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 4.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications. KBS No.5.4 (Second Floor)	Sqm	30.64	970.41	29735.00	alternative	No	-	Yes,((Pg No.27 , It No.5.28) of KPWD S.R 2018-19).	
E13	Providing rough cement plastering 15mm thick in single coat with cement mortar 1:4 to brick masonry for base of dadooing works with sand of approved quality, providing and removing scaffolding, inclding cost of materials, labour, curing complete as per specifications , (Ground Floor)	Sqm	291.62	225.81	65850.00	alternative	No	-	Yes,((Pg No.117 , It No.15.30) of KPWD S.R 2018-19).	
E15	Providing and fixing M.S.grill work for windows and ventilators weighing 21kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approve design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications. (Ground Floor)	kg	2.40	104.64	251.00	alternative	No	-	Yes,((Pg No.34, It No.7.9) of KPWD S.R 2018-19).	

No.	Item Of Work	Unit	Estimate qty	Rate from EIRL Rate analysis	Amount (Rs.)	Whether the item alternative in tender or additional items	Whether the extra item is included in sanctioned estimate	How the Cost is proposed to be met	Whether extra item is included in S.R.	Remarks
1	2	3	4	5	6	7	8	9	10	11
E17	Providing skirting, dado, rises of steps with colour glazed tiles on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications. Specification No.KBS 14.16, 14.17 - Colour glazed tiles 30x60 cms 6mm thick with border of size 30 x 10 cms. (Ground Floor)	Sqm	291.62	1797.63	524232.00	alternative	No	-	Yes,((Pg No.108 , It No.14.41.2) of KPWD S.R 2018-19).	
E19	Providing laying plain/ reinforced cement concrete for side Drains Using M20 nominal mix Concrete with OPC at 300kgs.With 20mm and Down size granite metal coarse aggregate at 0.69cum and fine aggregate at 0.43cum Machne mixed, well compacted for wall and Bottom including centering shuttering,cost of materials,HOM of Machinery,Curing Etc.,Complete Excluding cost of Steel as per morth MORTH specification No. 1500, 1700, 2200. Including Cost of material, Labour, HOM complete as per Specification-WALL & Bottom thickness 15Cm	Cum	2.85	7346.95	20963.00	alternative	No	-	Yes, ((Pg No.271, It No.37.59.2) of KPWD S.R 2016-17).	

No	Item Of Work	Unit	Estimate qty	Rate from EIRL Rate analysis	Amount (Rs.)	Whether the item alternative in tender or additional items	Whether the extra item is included in sanctioned estimate	How the Cost is proposed to be met	Whether extra item is included in S.R.	Remarks
1	2	3	4	5	6	7	8	9	10	11
E27	Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using three track window frame of size 92x31.75mm bottom section 1.3mm thick, weight 1.07kg/m; sides and top sections 1.3 mm, thick, weight 0.933 kg/m.shutter frame section comprising top and bottom section of size 40mmx18mm, wall thickness 1.25mm. weight 0.417 kg./m. shutter side outer 40mmx18mm. wall thickness 1.25mm. weight 0.417 kg/m, shutter interlock section 40mmx26.7mm wall thickness 1.1 mm. thick, weight 0.469 kg/m, the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc.; providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading all aluminium sections including cutting to required length, joints mitred subdividing the frame tenonned and rivetted, in the assembled frame, stiffened with end clips for corners, angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be, with necessary steel screws, raul plugs or teak wood gatties including cutting masonry or concrete and making good the original surface using cement mortar - using aluminium section powdered coated to a minimum of 60- 70 microns with exterior durable pure polyester grade powder of approved qualitycomplete as per specifications and directions of the Engineer in charge	Sqm	32.45	4885.12	158503.00	alternative	No	-	Yes,((Pg No.35, It No.7.11.2) of KPWD S.R 2018-19).	
E28	KSRB13-6.7 : Providing and fixing in position chromium plated brass shower rose with 15 or 20mm inlet including cost of all materials, labour and HOM with all leads complete as per specifications. Specification No.KBS 13.2.16 / 13.3 KSRB13-6.7-2 - do - 150 mm dia	Each	14.00	826.12	11566.00	alternative	No	-	Yes,((Pg No.95, It No.13.51) of KPWD S.R 2018-19).	

No	Item Of Work	Unit	Estimate qty	Rate from EIRL Rate analysis	Amount (Rs.)	Whether the item alternative in tender or additional items	Whether the extra item is included in sanctioned estimate	How the Cost is proposed to be met	Whether extra item is included in S.R.	Remarks
1	2	3	4	5	6	7	8	9	10	11
E29	Fixing of door frames in an existing opening including embedding frame in floor and walls after cutting masonary for holdfasts for embedding holdfast in cement concrete 1:3:6 of 20mm and downsize granite metal painting two coats of coal tar to sides of frame,making good the damages to walls and floor as required and disposal of the debries with lead upto 50 m. including cost of materials, labour, complete as per specifications and directions of the Engineer in charge	Nos	3.00	1504.64	4514.00	alternative	No	-	Yes,((Pg No.60, It No.9.80) of KPWD S.R 2018-19).	
E30	Providing Honne wood frames of doors, windows, clerestory windows,ventilators and other frames , wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps),but including cost of materials, labour, HOM of machineries complete as per specifications and directions of the Engineer in charge.	Cum	0.38	96495.11	36736.00	alternative	No	-	Yes,((Pg No.53, It No.9.11) of KPWD S.R 2018-19).	
E31	Providing and fixing in position fully panelled Honne wood shutters for doors, styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries (excluding cost of fixtures) complete as per specifications and directions of the Engineer in charge.	Sqm	8.11	5201.25	42193.00	alternative	No	-	Yes,((Pg No.53, It No.9.15) of KPWD S.R 2018-19).	
E32	Providing and applying painting two coats (excluding priming coat) on new wood surface and / or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost ofmaterials, labour, .complete as per specifications and directions of the Engineer in charge	Sqm	48.94	106.84	5229.00	alternative	No	-	Yes,((Pg No.121, It No.15.60.1) of KPWD S.R 2018-19).	

No.	Item Of Work	Unit	Estimate qty	Rate from EIRL Rate analysis	Amount (Rs.)	Whether the item alternative in tender or additional items	Whether the extra item is included in sanctioned estimate	How the Cost is proposed to be met	Whether extra item is included in S.R.	Remarks
1	2	3	4	5	6	7	8	9	10	11
E33	Providing chain link fencing 50mm size of 8 guage properly stretched between existing rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts and as per the directions of the Engineer-in-charge of work including two coats of approved quality paint over one coat of shop paint, including cost of materials, labour, HOM complete as per specifications.	Sqm	14.29	787.57	11256.00	alternative	No	-	Yes,((Pg No.266, It No.37.3) of KPWD S.R 2018-19).	
E34	KSRB 4.2.8: Providing and laying in position reinforced cement concrete of design Mix M20 with OPC @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @ 0.46cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in ground floor level for roof slabs, staircase, lintels, and beams retaining walls, return walls, walls (any thickness) including attached pilasters, columns,pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6	Cum	10.30	6622.17	68220.00	alternative	No	-	Yes,((Pg No.14, It No.4.13) of KPWD S.R 2018-19).	
	TOTAL EIRL AMOUNT				979248.00					

PERCENTAGE OF EXCESS COMPARING TO SANCTIONED COST $\frac{979248.00}{70075262.09} \times 100 = 1.40\ \%$

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ಯಲಹಂಕ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

Contractor

Assistant Engineer

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Executive Engineer
Project Division
Yelahanka Zone
Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK :CONSTRUCTION OF SWIMMING POOL AT AMRUTHA NAGARA, BYATARAYANAPURA WARD NO.[illegible]

RATE ANALYSIS

Age	Sri.K.Somappa No.139/A,6th Main Mathikere,Bangalore-560054
Approved Amount	70075262.090
Name of Contractor:-	Sri.K.Somappa No.139/A,6th Main Mathikere,Bangalore 560054
Tender premium:-	+1.99% (Above)

Sl No	Description.	Unit	Page	Item	Basic rate	Lift charges	Total	AW @ 8%	Total Rate	Add T.P (+)1.99%	Final Rate	Tender Rate	Consider Minimum Rate
1	Earth work excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m after breaking of clods complete as per specification	Cum	Pg No.5 of KPWD S.R 2016-17	2.4	283.00	0	283.00	22.64	305.64	6.08	311.72	305.64	305.64
6	Providing and filling in foundation with granite / trap broken metal 100mm and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift complete as per specification	cum	Pg No.6 of KPWD S.R 2016-17	2.15	2114.00	0	2114.00	169.12	2283.12	45.42	2328.55	2283.12	2283.12
7	Providing and laying in position Plain Cement Concrete of mix 1:3:6 with OPC cement @ 220kgs ,with 40mm and down size graded granite metal coarse aggregates @ 0.892 cum and fine aggregates @ 0.465cum machine mixed, concrete laid in layers not exceeding 15 cms thick, well compacted, in foundation including cost of all materials,labour, HOM of machinery ,curing complete as per specifications	cum	Pg No.12 of KPWD S.R 2016-17	4.2	5046.00	0	5046.00	403.68	5449.68	108.45	5558.13	5449.68	5449.68
9	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as Walls at any thickness, includng attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specfiications	Sqm	Pg No.15 of KPWD S.R 2016-17	4.31	293.00	0	293.00	23.44	316.44	6.30	322.74	414.72	322.74
11	Providing and fixing Stainless steel 304 grade for staircase railings, balconies, ramps with hand rail, 50mm dia 16 guage hollow pipe welded to vertical hollow 50mm dia pipe of 16 guage, stainless steel vertical pipe spaced at 1.20m regular intervals, and 5 Nos of 25mm dia Stainless steel hollow horizontal pipe are welded to vertical 50mm dia hollow pipe. The entire assembly is fixed to staircase concrete by using expansion bolts by drilling concrete etc., complete including cost of materials, labour, HOM of machineries and electrical charges, etc., complete as per specifications	Sqm	Pg No.45 of KPWD S.R 2016-17	7.38	6021.00	0	6021.00	481.68	6502.68	129.40	6632.08	6638.76	6632.08
13	Providing TMT Steel Reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications TMT Bars Fe 500	tonne	Pg No.17 of KPWD S.R 2016-17	4.46.2	60607.00	0	60607.00	4848.56	65455.56	1302.57	66758.13	76329.00	66758.13

Sl No	Description	Unit	Page	Item	Basic rate	Lift charges	Total	AW @ 8%	Total Rate	Add T.P (+)1.99%	Final Rate	Tender Rate	Consider Minimum Rate
16	Providing and constructing granite / trap / basalt Size Stone Masonry in foundation with cement mortar 1:6 stone hammered dressed in courses not less than 20 cms high bond stones at two m apart in each course including cost of materials, labour, curing complete as per specifications	cum	Pg No 23 of KPWD S.R 2016-17	5.6	4187.00	0	4187.00	334.96	4521.96	89.99	4611.95	4350.96	4350.96
59	Supply, installtion, testing and commissioning of filters Commercial Bobin wound filter with 160mm flange connection - 157 cumtr/hr Filtration velocity 50m3/SEC Speed 245m3/Hour Make 2000 mm DIA/CERTIKIN / Aqua LIX (U K) directions of the Engineer-In-charge of the work	Nos	Approved Rates	-	535000.00	0	535000.00	0	535000.00	0.00	535000.00	535000.00	535000.00
104	Providing and fixing in position brass stop cock of approved quality of as per dia nominal bore including cost of all materials,labour and HOM of equipments with all leads complete as per specifications 20mm nominal bore	Nos	Pg No.93 of KPWD S.R 2018-19	13.27	141.00	0	141.00	11.28	152.28	3.03	155.31	172.80	155.31
106	Providing & fixing Chorinated Poly Venyl(CPVC) pipes confirming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings, this includes jointing of pipes and fittings with one step solvent cement, trenching, refilling and testing of joints complete 25mm nominal pipe	m	Pg No.98 of KPWD S.R 2018-19	13.85.3	196.00	0	196.00	15.68	211.68	4.21	215.89	178.20	178.20
111	Providing and fixing in position brass Gate valve with CI wheel of approved quality (screwed end) below nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specification 50mm Nominal Dia	Nos	Pg No.94 of KPWD S.R 2018-19	13.37	1739.00	0	1739.00	139.12	1878.12	37.37	1915.49	2216.160	1915.49
112	Providing and fixing in position brass Gate valve with CI wheel of approved quality (screwed end) below nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specification 25mm dia	Nos	Pg No.94 of KPWD S.R 2018-19	13.34	449.00	0	449.00	35.92	484.92	9.65	494.57	648.000	494.57
114	Providing and fixing to wall,ceiling and floor high density polyethlne pipes 6.00kgf/sq cm working pressure 75& 110 mm out side diameter with speicial flange ,compression type fitting,wall clips,making good the wall celing and floor , including cost of all materils labour chargs , HOM of quipment and testing complete as per specificatiion 50mm dia	m	Pg No.96of KPWD S.R 2018-19	13.73.1	328.00	0	328.00	26.24	354.24	7.05	361.29	373.58	361.29
116	Providing and fixing to wall,ceiling and floor high density polyethlne pipes 6.00kgf/sq cm working pressure 75& 110 mm out side diameter with speicial flange ,compression type fitting,wall clips,making good the wall celing and floor , including cost of all materils labour chargs , HOM of quipment and testing complete as per specificatiion 140mm dia	m	Pg No.96of KPWD S.R 2018-19	13.73.6	741.00	0	741.00	59.28	800.28	15.93	816.21	774.36	774.36
117	Providing and fixing CI Nahani trap of approved make conforming to ISI specifications and construction of Cistern in M-15 as per directions (Rate is inclusive of cost of materials and fixtures and conveyance of materials to work spot) 10 cmsx 7.5	Nos	Pg No.90 of KPWD S.R 2018-19	12.113.1	250.00	0	250.00	20.00	270.00	5.37	275.37	270.00	270.00
118	Providing and fixing 7.5 cms to 15.00 cms dia NP granting 100 mm dia	Nos	Pg No.90 of KPWD S.R 2018-19	12.111	150.00	0	150.00	12.00	162.00	3.22	165.22	72.80	65.22

Sl No	Description.	Unit	Page	Item	Basic rate	Lift charges	Total	AW @ 8%	Total Rate	Add T.P (+)1.99%	Final Rate.	Tender Rate	Consider Minimum Rate
E12	KSRB 5-11 : Providing and constructing non load bearing wall with solid concrete blocks of size 400x100x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 4.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572.2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications. KBS No.5.4 (Second Floor)	Sqm	Pg No.27 of KPWD S.R 2018-19	5.28	811.00	70	881.00	70.48	951.48	18.93	970.41	–	970.41
E13	Providing rough cement plastering 15mm thick in single coat with cement mortar 1:4 to brick masonry for base of dadooing works with sand of approved quality, providing and removing scaffolding, inclding cost of materials, labour, curing complete as per specifications , (Ground Floor)	Sqm	Pg No.117 of KPWD S.R 2018-19	15.30	205.00	0	205.00	16.40	221.40	4.41	225.81	–	225.81
E15	Providing and fixing M.S.grill work for windows and ventilators weighing 21kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approve design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications.Specification No. KBS 7.12 Pg No.34 Item No.7.9(Ground Floor)	kg	Pg No.34 of KPWD S.R 2018-19	7.9	95.00	0	95.00	7.60	102.60	2.04	104.64	–	104.64
E17	Providing skirting, dado, rises of steps with colour glazed tiles on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications. Specification No.KBS 14.16, 14.17 - Colour glazed tiles 30x60 cms 6mm thick with border of size 30 x 10 cms. (Ground Floor)	Sqm	Pg No.108 of KPWD S.R 2018-19	14.41.2	1632.00	0	1632.00	130.56	1762.56	35.07	1797.63	–	1797.63
E19	Providing laying plain/ reinforced cement concrete for side Drains Using M20 nominal mix Concrete with OPC at 300kgs.With 20mm and Down size granite metal coarse aggregate at 0.69cum and fine aggregate at 0.43cum Machne mixed, well compacted for wall and Bottom including centering shuttering,cost of materials,HOM of Machinery,Curing Etc.,Complete Excluding cost of Steel as per morth MORTH specification No. 1500, 1700, 2200. Including Cost of material, Labour, HOM complete as per Specification-WALL & Bottom thickness 15Cm(Item No 37.59.2 page no 271) Ground Floor	Cum	Pg No.271 of KPWD S.R 2018-19	37.59.2	6670.00	0	6670.00	533.60	7203.60	143.35	7346.95	–	7346.95

Sl No	Description.	Unit	Page	Item	Basic rate	Lift charges	Total	AW @ 8%	Total Rate	Add T.P (+)1.99%	Final Rate.	Tender Rate	Consider Minimum Rate
E27	Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using three track window frame of size 92x31.75mm bottom section 1.3mm thick, weight 1.07kg/m, sides and top sections 1.3 mm, thick, weight 0.933 kg/m shutter frame section comprising top and bottom section of size 40mmx18mm, wall thickness 1.25mm weight 0.417 kg./m. shutter side outer 40mmx18mm wall thickness 1.25mm, weight 0.417 kg/m, shutter interlock section 40mmx26.7mm wall thickness 1.1 mm thick, weight 0.469 kg/m, the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc ; providing and fixing 5.5mm thick plain glass for shutters fitted with rubber beading all aluminium sections including cutting to required length, joints mitred subdividing the frame tenonned and rivetted, in the assembled frame, stiffened with end clips for corners, angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be, with necessary steel screws, raul plugs or teak wood gatties including cutting masonry or concrete and making good the original surface using cement mortar - using aluminium section powdered coated to a minimum of 60- 70 microns with exterior durable pure polyester grade powder of approved qualitycomplete as per specifications and directions of the Engineer in charge	Sqm	Pg No 35 of KPWD S.R 2018-19	7.11.2	4435.00	0	4435.00	354.80	4789.80	95.32	4885.12	–	4885.12
E28	KSRB13-6.7 Providing and fixing in position chromium plated brass shower rose with 15 or 20mm inlet including cost of all materials, labour and HOM with all leads complete as per specifications. Specification No.KBS 13.2.16 / 13.3 KSRB13-6.7-2 - do - 150 mm dia	Each	Pg No 95 of KPWD S.R 2018-19	13.51	750.00	0	750.00	60.00	810.00	16.12	826.12	–	826.12
E29	Fixing of door frames in an existing opening including embedding frame in floor and walls after cutting masonary for holdfasts for embedding holdfast in cement concrete 1:3:6 of 20mm and downsize granite metal painting two coats of coal tar to sides of frame,making good the damages to walls and floor as required and disposal of the debries with lead upto 50 m. including cost of materials, labour, complete as per specifications and directions of the Engineer in charge	Nos	Pg No 60 of KPWD S.R 2018-19	9.80	1366.00	0	1366.00	109.28	1475.28	29.36	1504.64	–	1504.64
E30	Providing Honne wood frames of doors, windows, clerestory windows,ventilators and other frames , wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps),but including cost of materials, labour, HOM of machineries complete as per specifications and directions of the Engineer in charge	Cum	Pg No 53 of KPWD S.R 2018-19	9.11	87604.00	0	87604.00	7008.32	94612.32	1882.79	96495.11	–	96495.11
E31	Providing and fixing in position fully panelled Honne wood shutters for doors, styles and rails of 40mm thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries (excluding cost of fixtures) complete as per specifications and directions of the Engineer in charge	Sqm	Pg No 53 of KPWD S.R 2018-19	9.15	4722.00	0.00	4722.00	377.76	5099.76	101.49	5201.25	–	5201.25

Sl No	Description.	Unit	Page	Item	Basic rate	Lift charges	Total	AW @ 8%	Total Rate	Add T.P (+)1.99%	Final Rate.	Tender Rate	Consider Minimum Rate
E32	Providing and applying painting two coats (excluding priming coat) on new wood surface and / or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost ofmaterials, labour, complete as per specifications and directions of the Engineer in charge	Sqm	Pg No 121 of KPWD S R 2018-19	15.60.1	97.00	0.00	97.00	7.76	104.76	2.08	106.84	-	106.84
E33	Providing chain link fencing 50mm size of 8 guage properly stretched between existing rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts and as per the directions of the Engineer-in-charge of work including two coats of approved quality paint over one coat of shop paint, including cost of materials, labour, HOM complete as per specifications.	Sqm	Pg No 266 of KPWD S R 2018-19	37.3	715.00	0.00	715.00	57.20	772.20	15.37	787.57	-	787.57
E34	KSRB 4.2.8. Providing and laying in position reinforced cement concrete of design Mix M20 with OPC @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @ 0.46cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in ground floor level for roof slabs, staircase, lintels, and beams retaining walls, return walls, walls (any thickness) including attached pilasters, columns,pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc , including cost of all materials, labour, HOM curing, complete but excluding cost of reinforcement as per specifications Specification No. KBS 4.1, 4.6	Cum	Pg No 14 of KPWD S.R 2018-19	4.13	5892.00	120.00	6012.00	480.96	6492.96	129.21	6622.17	-	6622.17

Assistant Engineer

Executive Engineer

Executive Engineer
Project Division
Yelahanka Zone
Bangalore

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Fifth and Final Bill

M. A. R. 57 (Rule 116)
Measurement Book

No. E 638337

Serial No. .....

Name of work Construction of Swimming pool at Amruthnagara From Byatarayanapura To ward. No 7

Name of Contractor of nature of Agency K. Somappa

Date of commencement of work 07-09-2018

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Agreement no: EE (Project)/Wk Zone/WO/12/18-19						Dt 07-09-2018
	Job code no; 007-15-000059						
	Estimated cost: 700.00 lakhs.						
01.	Earth work excavation for foundation of buildings, Water Supply Sanitary lines --- Complete.						
				Total executed qty		4844.51	Cum
				Now to be paid qty above 125%		3.07	Cum
				@ Rs 305.64/Cum			Rs 939.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
02	Providing Sand piles with all leads and lift - - complete - Item not Operated -						
03	Providing sand cement bed with 5% cement - - - Total executed qty Now to pay qty					Complete. 458.71 - nil -	Cum
06.	Filling available excavated earth inside of foundations - - Complete. Total executed qty Now to be paid qty					1610.31 - nil -	Cum
05	Transportation of excavated earth by mechanical means - - Complete Total executed qty Now to be paid qty					4409.43 - nil -	Cum

M. A. R. 57 (Rule 116) No. E

Measurement Book

Serial No. .....

638338

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
06.	Providing and filling in foundation with granite - - Complete Total Executed Quantity Now to be paid Qty Qty above 125% @ Rs 2253.12/cum					484.85 0.61	Cum Cum Rs 1402.00.
07	Providing and laying in position plain cement Concrete 1:3:6 - - Complete Total executed Quantity Now to be paid qty Qty above 125% @ Rs 5449.68/cum					570.31 1.18	Cum Cum Rs 6437.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
8.	providing and laying cement Concrete using 20 mm & down size granite Coarse - - complete. M-25.						
					Total executed qty	1253.12	Cum
					Now to be paid qty	1.89	cum
					@ Rs 7500.00/cum		Rs 14189.00.
9.	Providing and removing Centering shuttering - - - Complete.						
					Total Executed qty	1084.02	Sqm
					Now to be paid qty above 125 %	8.14	Sqm
					@ Rs 322.74/sqm		Rs 2628.00

M. A. R. 57 (Rule 116) No. E
Measurement Book

633339

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
10.	Providing ceramic tiles of approved make shade & size - - Size 30x3 cms 6mm thick.						
					Total executed qty	810.84	Sqm
					To pay qty	54.78	Sqm
					@ Rs 1230.08/sqm		Rs 67383.00.
11.	Providing and fixing Stainless steel 304 grade for staircase - - complete						
					Total executed qty	42.23	Sqm
					Now to be paid qty upto 125 %	41.25	Sqm
					@ Rs 6638.76/sqm		Rs 273849.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		Qty	above	125%		0.98	sqm
		@ Rs 6632.08/sqm					Rs 6470.00
12.	Providing 20mm thick cement plaster in single coat with cement mortar 1:3 -- Complete						
		Total exented qty				989.01	sqm
		@ Now to be paid qty				-nil-	
13	Providing TMT steel TMT Bars Fe-500	Reinforcement for RCC work -- Complete.					
		Total exented qty				196.83	tonne
		Now to be paid qty above 125%				0.26	tonne
		@ Rs 66758.13/tonne					Rs 19361.00

M. A. R. 57 (Rule 116) No. E

Measurement Book

638310

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
14.	Providing and laying cement bars - - - complete						
		Total exented qty				342.42	sqm
		Now to be paid qty				342.42/sqm	
		@ Rs 1171.80/sqm					Rs 401247.00
15.	Providing and constructing precast concrete solid blocks - - complete						
		Total exented qty				1327.19	sqm
		Now to be paid qty				23.75	sqm
		@ Rs 1011.96/sqm					Rs 24036.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
16.	Providing and constructing granite/trap - - -						complete
	Total executed qty					177.73	
	Now to be paid qty abstract					1.28	Cum
	@ Rs 4359.96/cum						Rs 5562.00.
17.	Providing and removing centering, shuttering, shutting - - complete						
	Total executed qty					435.48	Sqm
	Now to be paid qty					nill.	
	@ —						Rs —
18.	Providing and removing centering, shuttering, shutting - - etc.						
	Total executed qty					264.76	
	Now to be paid qty					2.56	Sqm
	@ Rs 365.04/sq m						Rs 935.00/sq m

M. A. R. 57 (Rule 116) No. E

Measurement Book

638341

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
19.	Providing and removing centering, shuttering, propping etc - - upto 3.50 m from Ground level.						
	Total executed Quantity					110.82	Sqm
	Now to be paid Quantity					-nil-	
20.	Providing 18 mm thick cement plaster in single coat - - complete						
	Total executed Quantity					1800.71	Sqm
	Now to be paid Qty					50.78	Sqm
	@ Rs 277.56/sq m						Rs 14095.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
21	Providing 18 mm thick cement plaster in single coat with cement mortar 1:4 - - - Complete.						
			Total executed qty			1247.57	Sqm
			Now to be paid qty			52.47	sqm
			@Rs 306.72/sqm				Rs 16095.00.
22.	Providing and laying Hassan Green Granite flooring for stair case - - - Complete						
			Item not Operated.				
23.	Providing Ceramic tiles of approved make shade and size for flooring - - Complete						

M. A. R. 57 (Rule 116)
Measurement Book

No. E 638342

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		Total executed Quantity				32.61	sqm
		Now to be paid qty				10.46	sqm
		@Rs 1270.08/sqm					Rs 13286.00
24.	Providing ACE paint to external walls of approved colour and shade - - complete.						
		Total executed Quantity				1308.24	Sqm
		Now to be paid qty				1120.02	Sqm
		@Rs 160.00/sqm					Rs 179 203.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
25	Providing applying two coats of wall putty inside plastered walls and ceiling - - - Complete.						
	Total executed qty					4607.50	Sqm
	Now to be paid qty					677.35	Sqm
	@ Rs 60.48/sqm						Rs 40966.00
	Total executed qty					4607.50	Sqm
	Now to be paid qty					677.35	
	@ Rs 60.48/sqm						Rs 40966.00

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Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
26	Providing and applying painting in two coats with plastic Emulsion paint - - Complete						
	Total Executed quantity					2650.15	Sqm
	Now to be paid qty					2650.15	Sqm
	@ Rs 97.20/sqm						Rs 27950.00
27.	Providing 12mm thick cement plaster in single coat with cement mortar 1:3 - - - Complete						
	Total executed qty					1750.61	Sqm
	Now to be paid					nill	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
28	Geophysical Investigation & Site for Sinking Borewell -- -- Complete		Total executed qty			2.00	NO
			Now to be paid qty			-nil-	
29.	Sinking borewell of 165 mm dia clean using Superfast hychaulic rig of capacity 250PSI6 - - - complete		0 to 50 m				
			Total executed qty			100.00	m
			Now to be paid qty			-nil-	
30.	Sinking borewell of 165 mm dia clean using Super fast hychalic rig of capacity - - Complete		50 to 100m				
			Total executed qty			100.00	m
			NO w to be paid qty			-nil-	

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633344

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
31	100 to 150 m		Total executed quantity			100.00	
			Now to be paid qty			- nil -	
32	150 to 200 m		Total executed quantity			100	
			Now to be paid qty			- nil -	
33	200 to 250 m		Total executed qty				
			Now to be paid qty		r	- nil -	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
34	250 to 300m	Total executed Qty					
		NOW to be paid Qty				- nil -	
35	Supply of ISI mark 175 mm nominal bore medium black ERW -- Complete	Total executed Qty				140.00 m	
		To be paid Qty				- nil -	
36.	Providing 250mm dia PVC pipe 6kg/cm -- Complete	Total executed Qty				65.00 m	
		to be paid Qty				nil -	
37	Providing & fixing 175mm Borewell cap	Total exe Qty				2.00 NO	
		to be paid Qty				- nil -	

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Measurement Book

Serial No. 638345

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
38	Supply and delivery at site brand new texmo -- Complete 17.50 HP 40 stage	Total executed Qty				2.00	
		To be paid Qty				- nil -	
39.	Supplying of ISI marked galvanised mild steel tub -- Complete	Total executed Qty				700.00 m	
		to be paid Qty				- nil -	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
40.	Supplying and drawing 3 core flat PVC sheathed Submersible pump cable -- - Complete.						
			Total executed qty			1400.00	m
			to be paid qty			-nil-	
41	Erection of pumpset including aligning - - Complete						
			Total executed qty			2.00	NO
			to be paid qty			-nil-	
42	Supplying and fixing 20x20x2.5 polished wood board -- Complete						
			Total executed qty			1.00	NO.
			to be paid qty			-Nil-	

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Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
43.	Supplying of LTUG Cable having aluminium Conductor PVC Insulated -- Complete						
			Total executed qty			45.00	m
			to be paid qty			-nil-	
44	Labour charges for laying 1.1 KV class UG cable - - Complete						
			Total executed qty			45.00	m
			to be paid qty			-nil-	

MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
45	Digging or trenching @ 0.60m x 0.50m wide -- complete						
	Total executed qty					45.00	Rmtr
	to be paid qty					- nil -	
46.	Supplying and fixing @ Class A GI pipe @ wall thickness not less than 3.25 mm -- Complete						
	Total executed qty					6.00	Rmtr
	to be paid qty					- nil -	
47	Supplying, fixing, wiring earth electrode -- Complete 12.2mm dia						
	Total executed qty					4.00	Rmtr
	to be paid qty					- nil -	

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Date of commencement of work.....

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
48.	Supplying and fixing @ Porcelain fuse channel -- Complete						
	Total executed qty					6.00	Nos.
	To be paid qty					- nil -	
49	Providing and fixing in position 50 mm nominal bore gun metal -- Complete						
	Total executed qty					2.00	No
	to be paid qty					- nil -	
50.							

MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
50.	Providing NP/CP waste unions - - complete.						
	Total executed qty					2.00	No.
	to be paid qty					-nil-	
51	Supplying and fixing 50 mm dia GI x nipple - - complete.						
	total executed qty					2.00	No
	to be paid qty					-nil-	
52	Supplying shunt capacitors - - Complete						
	Total executed qty					2.00	No
	to be paid qty					-nil-	

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Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
53.	Supplying and fixing miniature Cb unit - - Complete.						
	Total executed qty					2.00	
	to be paid qty					- nil -	
54.	Supplying and delivery at site brand new star - -						15 HP to 30 HP
	Star Delta Starter						
	Total executed qty					- 2.00 -	
	Now to be paid qty					- nil -	
55.	Providing and installation at site - - complete						
	- not operated -						

MEASUREMENT BOOK

Date 1	Full description, etc. of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
56.	Providing and fixing in position brass gate valve - - Complete						
	total executed qty					4.00	No.
	Now to be paid qty					-nil-	
57	Providing and laying wood floor - - - teak wood planks complete						
	total executed qty					828.13	sqm
	to be paid qty					828.13	sqm
	@ Rs 12000.00/sqm						Rs9937507.00
58.	Providing and laying 1.35mm prepainted Galvolume - - Complete						
	total executed qty					1032.75	sqm
	to be paid qty					-nil-	

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Measurement Book

Serial No. ....

Name of work .... From .... To ....

Name of Contractor of nature of Agency ....

Date of commencement of work ....

Date 1	Full description, etc. of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
59.	Supply, Installation, testing Commissioning - - Complete						
	Total executed qty					3 [illegible]	No
	to be paid qty upto 125%					0.50	
	@ Rs 535000.00/No						Rs 267500.00
	above 125%					0.50	No
	Rs 535000.00/No						Rs 267500.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
60.	Supply, Installation, testing and Commissioning of Valve Butting - - Complete						
					executed qty	2.00	set.
					Now to paid qty	nil	
61.	Supply, Installation testing of Reciprocating pumps - - Complete						
					Total executed qty	3.00	NO.
					Now to be paid qty	-nil-	
62.	Supply, Installation, testing and commissioning of floor Inlets - - Complete						
					Total executed qty	50.00	NO.
					Now to be paid qty	-nil-	

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Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
63	Supply, Installation, testing and commissioning of Gutter Gratings - - Complete						
					Total executed qty	60.00	NO
					Now to be paid qty	60.00	NO.
					@Rs 3060.00/NO		Rs 183600.00.
64.	Main drain Grating Cover - - Complete not operated						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
65	Supply, Installation, testing & Commng of stainless steel prefilter 6 inches -- Complete.						
		Total executed qty				3-00	No.
		Now to be paid qty				-nil-	
66.	Supply, Installation, testing -- Suction Inlet -- Complete						
		Total executed qty				50.00	No.
		Now to be paid qty				-nil-	
67.	Supply Installation testing and commissioning of stainless steel ladders -- complete						
		Total executed qty				2.00	
		to be paid qty				2.00	No
		@ Rs 51750.00 / No					Rs 1035 00.00

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No. E 638351

Serial No. . .....

Name of work ..... From ..... To .....

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Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
68.	No of steps = 4 directions.						
		Total executed qty				8.00	No
		To be paid qty				2.00	No
69	Item No 69 to 79 not operated						
80.	Supply, installation testing and commissioning -						Complete
		Total executed qty				15.00	
		Now to be paid qty above 12½				15.00	Rs 49500.00.
		@ Rs 3300.00 / No					

MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
81	Supply, installation, testing commissioning & wiring -- Complete					Control Pannel	
		Total executed qty				1.00	Nos.
		Nows to be paid qty				-nil-	
82	Gas chlorination System -- Complete not Operated						
83	Supply, Installation testing Commissioning of Butterfly Valves -- Complete						
		Total executed Quantity				15.00	Nos.
		Nows to be paid qty				-nil-	
84	Supply, Installation, testing	Non return valves -- Complete					
		Total executed	qty			3.00	Nos

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Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		Nows to be paid qty				-nil-	
85	Supply, Installation, testing, Commission (CI T/C) UPVC Pipes 40 MM Dia 6kg/sqcm -- Complete						
		Total executed Quantity				77.50	Mts
		Nows to be paid qty				-nil-	
86	63 MM Dia 10kg/sqcm						
		To be executed	qty			61.50	
		Nows to be paid	qty			-nil-	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
87	160 MM Dia 6kg/sqcm						
		Total executed qty				220	m
		Now to be paid qty				nil	
88.	UPVC Elbow 6kg/sqcm @ 20 MM a						
		Total executed qty				10.00	No
		Now to be paid qty				-nil-	
89.	40 mm directions of Engine						
		Total executed qty				9.00	NO
		Now to be paid qty				-nil-	

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Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
90.	60 MM						
		Total executed qtiaty				28.00	No.
		To be paid qty				-nil-	
91	Supply Installation @ 200MM	testing commissioning of UPVC Tee 6kg/sqcm					
		Total executed qty				49.00	NO
		To be paid qty				-nil-	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
92	400 MM -	Total executed qty				10.00	Nos.
		Now to be paid qty				nil-	
93.	60 MM	Total executed qty				7.00	NO.
		Now to be paid qty				nil-	
94	UPVC Reducer 6kg/sq cm @ 160/400						
		Total executed qty				7.00	NO.
		Now to be paid qty				-nil-	

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Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
95	63/160 .	Total Executed qty				49.00	NO.
		Now to be paid qty				nil-	
96	Starting Blocks fiber glass 400 mm - - Complete						
	- not Operated -						
97	Providing and fixing a white colour vitreous china clay -- complete						
	Total executed qty					10.00	NO.
a	To be paid @ Rs 5540.00/NO					10.00	NO.
							Rs 55400.00

MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
98	Providing and fixing 9 white colom vetreous china clay - - - complete						
	Total executed Qty					6.00	No.
	Now to be paid Qty					6.00	No.
	@ Rs 3204.36/No						Rs 19226.00
99	Providing and fixing 9 white colom vetreous china clay flat back - - 32 mm CP brass - - complete						
	Total executed Qty					10.00	No.
	@ Rs 3247.56/No.						Rs 32476.00
Item No 100 and 101 are not operated.							

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Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
102	Providing and fixing 15mm dia Bib cock.						
	Total executed Quantity					11.00	Nos.
	Now to be paid Qty					11.00	No.
	@ Rs 180.00/No						Rs 1980.00.
103.	Providing and fixing Brass Union 15 mm - - complete						
	Item not operated						
104	Providing and fixing in position ~~brass Union 15 mm nominal~~						
	Stop cock of approved quality - - Complete						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		Total	Executed	Qty		41.00	No.
		Qty	upto	125%		37.50	No
			@ Rs 172.80/No				Rs 6480.00.
		Qty	above	125%		3.50	No.
			@ Rs 155.31/No				Rs 544.00.
105.	Providing and fixing in position brass b/b cock -- Complete						
		Total	executed	Qty		10.00	Nos.
		Now	to be	paid	Qty	10.00	No.
			@ Rs 249.49/No				Rs 2495.00

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Measurement Book

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Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
106.	Providing and fixing CPVC pipes -- 25mm nominal type						
	Total executed Qty					436.50	m
	Now to be paid Qty						
	upto 125 L.					39.00	m
	@ Rs 178.20/m						Rs 6950.00.
	above 125 L.					249.00	m
	@ Rs 178.20/m						Rs 44372.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
107.	Providing and fixing CPVC -- 50 mm nominal OD Pipe						
	Total executed qty					10.00	mtr
	@ to be paid - nil -						
108.	Providing and fixing CPVC -- 100 mm nominal OD Pipe.						
	Total executed qty					10.00	m
	@ to be paid nil -						
	Item No 109 & 110 are not operated.						
111	fixing in position brass Gate valve -- Complete						50 mm
	Total qty executed qty upto 125%					15.00	No.
						5.00	No

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Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		@ Rs	2216.16/No				Rs 1108.00.
		Qty above 125%				10.00	No.
		@ Rs 1915.49/No					Rs 19155.00.
112.	Providing and fixing in position brass Gate valve -- 25 mm dia						
	Total executed qty					10.00	No
	qty upto 125%					5.00	No.
	@ Rs 648.00/No						Rs 3240.00.
	qty above 125% @ Rs 494.57/No					5.00	No Rs 2473.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
113	—not Operated -						
114	Providing and fixing to wall ceiling and floor high density polyethlene pipes --- Complete.						
			Total executed qty			105.30	m
		Now	to be paid qty up to 125%			25.00	m
			@ Rs 373.58/m				Rs 9340.00
			above 125%			40.30	m
			@ Rs 361.29/m				Rs 14560.0

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Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
115	Providing and fixing to wall ceiling floor high density poly ethlene pipes 6.00 kg/sq cm - Complete. 90mm dia.						
			Total executed quantity			100.00	m
		Now	to be paid qty			-nil-	
116	140mm dia						
			Total executed quantity			176.75	m
			to be paid qty above 125%			5.75	m
			@ Rs 774.36/m				Rs 4453.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
117	Providing and fixing Nahani trap - - 10 cms x 7.5 - - Complete.						
	Total executed qty					42.00	NO
	upto 125% qty					37.50	NO
	@ Rs 270.00/NO						Rs 10125.00.
	Qty above 125%					4.50	NO
	@ Rs 270.00/NO						Rs 1215.00
118	Providing and fixing 7.5 cms to 15.00 cms dia NP grauting 100 mm dia - Complete						
	Total executed qty					42.00.	NO.
	Qty upto 125%					37.50.	NO
	@ Rs 172.80/NO						Rs 6480.00

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Date	Full description, etc, of work		Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Qty above 125%					4.50	NO.
	@ Rs 165.22/NO						Rs 744.00.
119	Constructing brick masonry Inspection Chamber 600 x 600 mm						
	Total executed qty					7.00	NO.
	NO NO to be paid qty					3.00	NO.
	@ Rs 7604/NO						Rs 22812.00
120	Providing and fixing on wall surface 4 kg/sqcm - - Complete						
	Total executed qty					300.00	m
	NO NO to be paid qty @ Rs 613.44/m					300.00	m Rs 184032.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
121	Providing and fixing g glayed openable window Complete					- - 2 - 2.2mm Total executed qty 9.41 sqm to be paid qty - nil -	
122	Part A - Substation Equipment Supply and erection g 11 mtr Spun pole					- - Complete. Total executed qty 1.00 No. now to be paid qty - nil -	
123	Supply and fixing g single pole mounted transformer kit - - Complete.					Total executed qty 1.00 to be paid qty - nil -	

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Name of work ..... From ..... To .....
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638360

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
124	Supplying and fixing all Hand Ware - -					Set 200 Amps Single break. Total executed qty 1.00 No. to be paid qty - nil -	
125	H Frame set.					Total executed qty 1.00 No To be paid qty - nil -	
126	Horizontal 50x450x6mm - 980 mm total executed to be paid				qty qty	2.00 No - nil -	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
127	Disc Insulator 70/90	KW -	- complete				
		Total	executed		qty	6.00	NO.
		to	be paid		qty	- nil -	
128	11 KV pin insulator						
		Total	excuted		qty	6.00	NO.
		to	be paid		qty	- nil -	
129	HT ST Support 50x8 mm						
		Total	executed		qty	2.00	NO.
		to be	paid	qty	-	- nil -	

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Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
130	4 pin 45 x 45 x 5mm - 1110 mm						
			Total	exented	qty	4.00	NO
			to be	paid	qty	- nil -	
131	Horn Gap fuse Unit					✓	
			Total	exented	qty	1.00	NO.
			to be	paid	qty	- nil -	
132	Lightning Arrestor 9 KV - 5kA poly mevic type					✓	
			Total	exented	qty	1.00	NO
			to be	paid	qty	- nil -	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
133	Supplying erection, testing and commission of 11KV load break Switch with 4 wire -- Complete						
	Total executed qty					1/00	Each
	to be paid qty					- nil -	
134	Caution/Danger Board -- Complete not operated -						
135	GI pipe B class, 150mm Dia -- Complete.						
	Total executed qty					16.00	mr
	to be paid qty					- nil -	

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Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
136	Transformer - 100KVA Capacity Copper wound Distribution Transformer -- Complete						
	Total executed qty					1.00	Each
	to be paid qty					- nil -	
137	LT Distribution Box for 63/100KVA -- complete						
	Total executed qty					1.00	
	to be paid qty					- nil -	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
138	Earthing System, Supplying, fixing, wiring --					1 Complete,	
		Total executed qty				6.00	No.
		To be paid qty				nil -	
139	wiring earth electrode ff for grounding of lifts -- GI strip using GI bolts -- Complete						
		Total executed qty				8.00	No.
		to be paid qty				- nil -	
140.	Supplying and running of Copper strips -- 25x3mm					Copper strip.	
		Total executed qty				17.00	m
		To be paid qty				- nil -	

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Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

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Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
141	Copper strip - 25x6 mm						
		Total executed qty				4.00	m
		To be paid qty				- nil -	
142	600x600x3mm plate Copper strips for grounding.						
		Total executed qty				4.00	m
		To be paid qty				- nil -	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
143	GI strips for grounding Connections 25x3mm GI strip.						
	Total executed qty					105.00	m
	to be paid qty					-nil-	
144	40x6mm GI strip for grounding connections -- Complete.						
	total executed qty					20.00	m
	to be paid qty					-nil-	
145	Supply GI strips for grounding Connections 600x600x3mm						
	--Complete						
	total executed qty					4.00	m
	to be paid qty					-nil-	

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Measurement Book

No. E

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
146.	Supplying and running GI/Copper Conductors for grounding						
	--Complete						
	Total executed qty					55 m	
	TO be paid qty					-nil-	
147)	Panel Boards and distribution boards.						
	Fabricating supplying and mounting MS box made out 14 SWG						
	--Complete						
	Total executed qty					2558350 Sqm	
	to be paid qty					-nil-	

MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
148.	Supplying and fixing angle Iron frame work -- 75x150x75x6mm C Channel -- Complete						
			Total executed qty			5.00	Mt
			to be paid qty			-nil-	
149.	Moulded Case Circuit Breaker -- Four Pole 200 Amps 35kA -- Complete						
			Total executed qty			1.00	No.
			To be paid qty			-nil-	
150.	Supplying and fixing Moulded case circuit Breaker -- Four pole 125 - 160 Amps 25kA -- Complete						
			Total executed qty			3.00	No
			To be paid qty			-nil-	

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No. E 638365

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Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
151	Supplying and fixing 4 Shunt trip -- Complete						
		Total executed qty				4.00	No.
		Now to be paid qty				-nil-	
152	Supplying and fixing 4 miniature circuit breaker -- 5-32 Amps SP -- Complete						
		total executed qty				3.00	No.
		now to be paid qty				-nil-	
153.	5-32 Amps TPN.	Total executed qty				6.00	No
		to be paid qty				-nil-	

MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
154	LED type panel board -- 220V AC 50Hz 12/24V DC -- Complete.						
	total executed qty					3.00	NO
	to be paid qty					— nil —	
155	fixing & wiring 0 to 600 Volts 96x96 mm AC Voltmeter - complete						
	total executed qty					1.00	NO
	to be paid qty					- nil -	
156.	Supplying, fixing and wiring rotary selector -- complete						
	total executed qty					1.00	NO
	to be paid qty					— nil —	

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Measurement Book

Serial No. 638366

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
157	Supplying, fixing & wiring 0 to 1500 amps CT operated AC Analog Type -- Complete						
	total executed qty					1.00	NO
	to be paid qty					- nil -	
158.	Supplying, fixing & wiring rotary selector - - Complete						
	total executed qty					1.00	NO
	Now to be paid qty					- nil -	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
159.	Supplying of multifunction digital meter -- complete.						
		total executed qty				1.00	No.
		to be paid qty				-nil-	
160.	Supplying, fixing and wiring 50/5 to 400/5 Amps 5VA -- Complete						
		total executed qty				3.00	No.
		to be paid qty				-nil-	
161.	Supplying, fixing & wiring earth leakage relay with core balanced current transformer -- Complete.						
		total executed qty				1.00	No
		to be paid qty				-nil-	

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Date of commencement of work.....

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Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
162	Supplying amps -- Complete	250 Amps	4	x 30	x 10 mm	Aluminium strips --	
		total executed qty				3.00	Nos
		to be paid qty				-nil-	
163	4 pole power Contactor with DC/DC Contacts -- AC-3 Rating -- Complete						
		total executed qty				4.00	Each
		to be paid qty				-nil-	

MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
164	wiring heavy duty Low Voltage capacitor - - 3 phase 400/440 Volts grade - - Complete	total executed qty				20·00	Nos.
		to be paid qty				-nil-	
165.	Supplying, fixing and wiring Automatic Power factor Controller - - Complete	Total executed qty				1·00	Nos.
		Nos to be paid qty				-nil-	
166.	Supplying and fixing angle iron frame work, fabricated out of MS angle iron - - Complete	total executed qty				5·00	KG
		Nos to be paid qty				-nil-	

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Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
167	miniature circuit	breaker 5-32 Amps SP					
		total executed qty				3·00	Nos
		to be paid qty				-nil-	
168	40-63 Amps TPN	total executed qty				6·00	Nos
		to be paid qty				-nil-	
169	LED type panel board - 220 AC 50 Hz c- 24v DC - Complete	total executed qty				3·00	Nos
		to be paid qty				-nil-	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
170	Supplying fixing & wiring 0 to 600 Volts					96 x 96 mm	AC voltmeter
	total executed qty					1·00	No.
	to be paid qty					-nil-	
171	wiring rotary selector switch suitable for voltmeter -- complete						
	total executed qty					1·00	No
	to be paid qty					-nil-	
172	wiring 0 to 1500 amps CT operated AC analog type Ammeter						
	total executed qty					1·00	No
	to be paid qty					-nil-	

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Measurement Book

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Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
173	Supplying fixing & wiring rotary selector switch -- complete						
	Total executed qty					1·00	No
	to be paid qty					-nil-	
174	Supplying fixing & wiring 50/5 to 400/5 Amps 5VA burden -- Complete.						
	total executed qty					3·00	No
	to be paid qty					-nil-	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
175	Supplying & multi function digital meter - - Complete						0.5 accuracy
		total executed qty				1.00	No
		to be paid qty				nil -	
176	Supplying fully automatic star delta starter - - Complete						upto 12.5 HP
		total executed qty				4.00	No
		to be paid qty				- nil -	
177	Supplying amps valid 3 phase with neutral bus bar - - Complete						
		total executed qty				5.00	no
		to be paid qty				- nil -	

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Measurement Book

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Date of commencement of work .....

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Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
178.	3.0) MCB distribution Boards - - Complete						
	Total executed qty					1.00	No
	to be paid qty					nil	
179	fixing miniature circuit breaker - - 5-32 Amps TPN - - Complete						
	total executed qty					1.00	No
	to be paid qty					- nil -	
180.	5-32 Amps SP						
	total executed qty					36.00	No
	to be paid qty					- nil -	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
181	Submains Circuit mains / power wiring. Open conduit System -- 19/20 mm dia 2mm thick -- Complete						
	total executed qty					466.00	m
	to be paid qty					-nil-	
182	25 mm dia 2mm -- Complete					✓	
	total executed qty					141.00	m
	to be paid qty					-nil-	
183	32 mm dia 2.5mm thick -- Complete					✓	
	total executed qty					81.00	m
	to be paid qty					-nil-	

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M. A. R. 57 (Rule 116) No. E
Measurement Book

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Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
184	Concealed Conduit System supplying heavy guage PVC Conduit 19/20mm dia 2mm thick -- Complete						
	total executed qty					605.00	m
	to be paid qty					-nil-	
185	25mm dia 2mm thick						
	total executed qty					489.00	m
	to be paid qty					-nil-	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
186	32 mm dia 2.5mm thick -- Complete						
	total executed qty					282.00	m
	to be paid qty					-nil-	
187	Groove Cutting - Concealed Conduit System -- Complete 19/20 mm dia 2mm thick						
	total executed qty					10.00	m
	to be paid qty					-nil-	
188	Groove Cutting - 25mm dia 2mm thick						
	total executed qty					425.00	m
	to be paid qty					-nil-	

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Measurement Book

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Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
189	Groove Cutting 32 mm dia 2.5mm thick -- Complete						
	total executed qty					227.00	m
	@to be paid qty					-nil-	
190	Supplying and wiring adopting loop system in existing PVC Conduit -- ~~for~~ upto 3mm Complete						
	total executed qty					10.00	point
	to be paid qty					-nil-	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
191	Supplying and wiring adopting loop system -- Complete above 3mtr to 6mtr. 2×1.5 sq mm Cu 6 Amp flush type	total executed qty				19.00	point
		to be paid qty				nil	
192	above 6mtr upto 10mtr from tapping point -- Complete	total executed qty				126.00	point
		to be paid qty				— nil —	
193	two outlet in a room	above 3mtr upto 6mtr -- Complete					
		total executed qty				6.00	point
		to be paid qty				— nil —	

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Measurement Book

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Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
194	above 3mtr to 6mtr from tapping point -- Complete	total executed quantity				2.00	point
		Now to be paid qty				nil	
195	wiring for lighting/power circuit -- 1.5 sq mm Complete.	total executed quantity				800.00	m
		to be paid qty				— nil —	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
196	2.5 sqmm						
		Total executed qty				2000.00	m2
		to be paid qty				- nil -	
197A	2.5 sqmm						
		total executed qty				475.00	m2
		to be paid qty				- nil -	
-	Item no 198 to 216 not operated -						

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Measurement Book

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Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
217	fixing all types and all capacities of flourescent - - - complete						
	total executed qty					69.00	m2
	to be paid qty					- nil -	
	Item no 218 to 273 not operated.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
E1	Sinking bore well of 165 mm dia clean using super-fast hydraulic rig of capacity 250PSI C - - Complete 300 to 350 m						
	total executed qty					100.00	m
	to be paid qty					— nil —	
E2.	350 to 400 m						
	total executed qty					97.00	m
	to be paid qty					— nil —	
E3	400 to 430 m						
	total executed qty					27.00	m
	to be paid qty					— nil —	

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Measurement Book

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Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
E4	Construction of embankment with approved material Grand - - Complete						
	Total executed qty					569.16	Cum
	to be paid					— nil —	
E5	Earth work for lowering and levelling the ground other than foundation works - - by upto 3.00 depth - - Complete						
	total executed qty					1338.30	Cum
	to be paid qty					= nil -	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
E6	Providing and fixing to wall ceiling and floor unplasticised PVC pipes 10.00 kgs/sqcm -- 160 mm outer dia.						
	Total executed qty					36.00	m
	to be paid qty					-nil-	
E7	with 200 mm outer dia						
	total executed qty					12.00	m
	to be paid qty					— nil —	
E8	Providing and removing centering Shuttering, strutting, propping and removal of form works -- Complete						
	total executed qty					1053.98	sqm
	to be paid qty					-nil-	

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Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
E9	thickness upto 200 mm -- 3.50m from ground level 0 to 9 mtr						
	total executed qty					1194.46	Sqm
	to be paid qty					-nil-	
E10	Providing and removing centering shuttering strutting -- Complete						
	total executed qty					87.76	sqm
	to be paid qty					— nil —	

MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
E11	Providing and constructing non-load bearing wall with solid concrete blocks of size 400 x 100 x 200 mm -- Ground floor.						
		Total executed qty				61.79	Sqm
		to be paid qty				-nil-	
E12	Second floor						
		Total executed qty				41.14	Sqm
		Now to be paid qty				30.64	Sqm
		@ Rs 970.41/Sqm					Rs 29735.00

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Measurement Book

Serial No. 638377

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
13.	Providing rough cement plastering 15 mm thick in single coat -- complete (Ground floor)						
		Total executed qty				596.64	Sqm
		to be paid qty				291.62	Sqm
		@ Rs 225.81/Sqm					Rs 65850.00
14.	Second floor.						
		Total executed qty				90.72	Sqm
		to be paid qty			—	-nil-	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
15.	Providing and fixing M.S. grill work for windows and ventillators weighing 21 kg/sqm -- complete (Ground floor)						
		Total executed qty				227.31	sqm
		Now to be paid qty				2.40	sqm
		@ Rs 104.64/sqm					Rs 251.00.
16.	Second floor.						
		Total executed qty				389.34	sqm
		to be paid qty				— nil —	

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Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
17.	Providing skirting dado risers of steps with Colour glazed tiles on 10mm thick cement plaster size 30 x 10 cms (Ground floor)						
		Total executed qty				596.73	Sqm
		to be paid qty				241.62/Sqm	
		@ Rs 1797.63/sqm					Rs 524232.00.
18.	Providing skirting -- Complete Second floor						
		Total executed qty				90.72	Sqm
		to be paid qty				nil	

MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
19.	Providing laying plain/reinforced cement Concrete for side drains using M20 _ _ Bottom thickness 15cms.						
		Total executed qty				10.78	Cum
		to be paid qty				2.85	Cum
		@ Rs 7346.95 /cum					MB 20963 @
20.	Providing TMT bars Fe 500 Steel reinforcement for Ree work -- Complete						
		Total executed qty				0.92	tonne
		to be paid qty				nil -	

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Serial No. 633379

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Date of commencement of work.....

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
21	Providing and fitting pull & push type rolling shutters Size 3m x 2.6m						
		Total executed qty				9.30	Sqm
		to be paid qty				nil -	
22.	Providing & fixing Galvanised plain steel door frame Shutter						
	- - Size 1000x2130mm						
		total executed qty				11.60	Rmtr
		to be paid qty				nil -	

MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
E23	fixing factory made Galvanised plain steel door shutters 32 mm - - S20 900x2035x32 mm complete						
	Total exented qty					3.60	sqm
	Now to be paid qty					-nil-	
E24	Providing and fixing to wall ceiling and floor, medium density poly ethylene pipes 6.00 kgf/sqm 160 mm dia pipe.						
	Total executed qty					61.60	no
	to be paid qty					-nil-	

M. A. R. 57 (Rule 116) No. E

M. A. R. 57 (Rule 116)
Measurement Book No. E

Serial No. .....

638389

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
E25	waterproofing of RCC terrace - - Cement in the ratio of 1:01@ 0.50kg/sqm - - Complete						
	Total exented qty					779.58	sqm
	Now to be paid qty					-nil-	
E26.	waterproofing of RCC terrace - - @ 0.50 kg/sqm on the whole Surface - - Complete						
	Total exented qty					346.56	sqm
	to be paid qty					-nil-	

MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
E27	Providing and fixing in position aluminium windows and Ventillators - - - 60-70 microns with exterior durable powe polyester grade powder g approved quality Complete.						
	Total exentied qty					35.45	Sqm
	to be paid qty					35.45	Sqm
	@ Rs 4885.12 /Sqm						Rs 158503.00
E28	Providing and fixing in position chromium plated brass Shower rose with 15 or 20 mm Inlet - - Complete.						
	total exentied qty					14.00	Each
	@ Rs 826.12 /No						Rs 11566.00

M. A. R. 57 (Rule 116) No. E

M. A. R. 57 (Rule 116)
Measurement Book

No. E

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
29	Fixing door frames in an existing opening including embedding frame in floor - - with lead upto 50 mm - - Complete						
	Total exentied qty					3.00	No.
	to be paid qty					3.00	No.
	@ Rs 1504.64 /No						Rs 4514.00
30	Providing Honne wood frames g doors windows - - -						Complete
	Total exentied qty					0.38	cum
	to be paid qty					0.38	
	@ Rs 96495.11 /cum						Rs 36736.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
E31	Providing and fixing in position fully panelled Honne wood -- complete						
	Total executed qty					8.11	Sqm
	to be paid qty					8.11	Sqm
	@ Rs 5201.25/sqm						Rs 42193.00
E32	Providing and applying painting two coats on new wood surface -- complete						
	total executed qty					48.94	Sqm
	to be paid qty					48.94	Sqm
	@ Rs 106.84/Sqm						Rs 5229.00

M. A. R. 57 (Rule 116) No. E

M. A. R. 57 (Rule 116)
Measurement Book

638382

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
E33	Providing chain link fencing 50mm size of 8 guage properly stretched -- complete						
	Total executed qty					14.29	Sqm
	to be paid qty					14.29	Sqm
	@ Rs 787.57/Sqm						@ Rs 11256.00
E34	Providing and laying in position reinforced cement concrete of design mix M20 with OPC @ 320 kgs -- Complete						
	Total executed qty					10.30	cum
	to be paid qty					10.30	cum
	@ Rs 6622.17/cm						Rs 68220.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
				Sub total			13726649.00
				18% GST			2470797.00
				Grand total			16197446.00

Certificate

- This is to certify that the work done is satisfactory
- there is no departmental issues regarding this work.
- The debris has been cleared from the work space.

16196600.00

AO:

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

AEE
31/08/24

M. A. R. 57 (Rule 116) No. E

M. A. R. 57 (Rule 116) No. E
Measurement Book

638383

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency ..... Ujjodali 63956558.00

Date of commencement of work ..... Reviewer 47759958.00

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8

Head of Account P 1732

Audited & admitted for Rs. 16196600

14754060.00

Cheque

and Rs. 1442540.00 Adjustment

BA	16196600.00
BD	809900.00
1F	162000.00
Cu	144620.00
Sec	144620.00
1D	3200.00
C3F	16200.00
4WF	162000.00
	1442540.00
	14754060.00

Asst. Director Project Division

Asst. Supdt. Project Division B.B.M.P.

Exe. Engineer Project Division B.B.M.P.